



# GENERAL CATALOGUE 2012



# VARTA – Highlighting 125 years of battery expertise

## 1887

**1887 – The beginning**  
 Founding father A. Müller launches Büsche & Müller

## 1893

**1893 – Lighting up the Arctic**  
 The polar explorer Fridtjof Nansen sets sail to explore the Arctic Ocean. On board the 'Fram': batteries made by VARTA's predecessor, AFA.



## The 20s

**The 1920s – The portable radio arrives**  
 A treat for the ears appeared on the market in the mid-1920s. The ideal batteries for powering radios take the market by storm – the portable radio is born!



## The 50s

**1950s – Tiny cells with enormous benefits**  
 How to be big when you're small! The first button cells start to make life easier – a new age begins for people with hearing aids and manufacturers of watches.



## The 60s

**1960s – The right colour, the right battery**  
 Which battery do I need? The 1960s bring 3 colours – yellow, red and blue – to indicate 3 different energy needs. It just couldn't be easier!



## 1969

**1969 – VARTA on the moon**  
 One small step for man, one giant leap for mankind. 1969 saw Neil Armstrong taking his first steps on the moon – along for the ride: batteries made by VARTA.



## The 80s

**1980s – Three times the power**  
 VARTA begins the production of alkaline batteries. The innovation: app. 3 times more power than conventional zinc-carbon batteries.



## 2004

**2004 – Fast, faster, 15 minutes**  
 An end to endless charging cycles: VARTA Consumer amazes the market with the 15-minute charger – the world's fastest battery charging system of its time.



## 2012

**2012 – VARTA Consumer Relunched**  
 VARTA sets new standards with improved product performance, boldly communicated to consumers. Find out more: [www.varta-consumer.com](http://www.varta-consumer.com)

**VARTA IN BESTFORM:**  
 NEU! +23%  
  
**VARTA**



**Longlasting**



**Power**



**Precise Energy**

# GENERAL CATALOGUE 2012

## INNOVATION, COMPETENCE, QUALITY – EVERYTHING AT A GLANCE

With this **general catalogue**, VARTA is once again setting standards in the market for mobile energy solutions.

**VARTA** offers a convincing product line, as well as outstanding individual products – brought to you in a compact, informative catalogue.

**You'll be impressed by the variety of product offerings that are consistently innovated to meet the needs of all device generations and your customers.**

|   |           |
|---|-----------|
| <b>GENERAL PURPOSE</b>  | <b>6</b>  |
| Max Tech   High Energy   Longlife   Superlife   Special   |           |
| <b>RECHARGEABLE</b>   | <b>14</b> |
| Longlife Accus   Power Accus   Professional Accus   Easy Line Chargers   Power Line Chargers  |           |
| <b>PROFESSIONAL</b>   | <b>28</b> |
| Professional Lithium   Professional Line Chargers   Professional Phone Power   Professional Electronics   |           |
| <b>BUTTON CELLS</b>   | <b>38</b> |
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| <b>FLASHLIGHTS AND BULBS</b>  | <b>44</b> |
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| Product display system as standalone-system   Product display systems for sales counters   Gondola end placement   Shelf placement   Testing station   Basic systems   Universal product display systems   Rotating product display systems   Product display systems for button cells   Clipstrips   Metal Sight Rails   Accessories |           |



# GENERAL PURPOSE

Clear orientation. Better performance. Exclusively from VARTA.

LONGLASTING



POWER



PRECISE ENERGY



With its TriEnergy concept, VARTA is leading the way in the alkaline mass market. The clearly differentiated product lines in the new design make it easy for retailers and consumers to select the right energy for all devices.

Just like in sports in which each discipline places different energy demands on the athletes, battery driven devices also demand different types of energy.

Only the VARTA TriEnergy system delivers always the right energy for the best solution in each device. Power alone is not enough.

Consequently, the batteries have been significantly optimised for their dimension of performance. Endurance, power and precise energy are the supporting pillars of the VARTA TriEnergy concept. It enables each VARTA line to achieve top performance in its dimension.

The resulting benefit for consumers: clear orientation and easy decision in the store to get the right energy for maximum performance.

## MAX TECH | CELLS BLISTER



- VARTA precision - for high-tech devices with precise and fluctuating energy demands
- Clear communication of recommended use by way of pictograms
- „Made in Germany“ as the proof of origin on the blister front of the most important product types
- Single Press Out enables easy opening of the pack and good storage for unused batteries
- Performance statements on the packaging of the most important sizes AA / AAA demonstrate the product benefits to consumers and assist in orientation

| Type | Voltage (V) | Electrochemical system | Width (mm) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC     | Others                             |
|------|-------------|------------------------|------------|-------------|------------|---------------|------------|---------|------------------------------------|
| 4703 | 1.5         | Alkaline               | -          | 44.5        | -          | 10.5          | 11.3       | LR03    | Micro, AAA, AM4, MN2400, Ministilo |
| 4706 | 1.5         | Alkaline               | -          | 50.5        | -          | 14.5          | 23.5       | LR6     | Mignon, AA, AM3, MN1500, Stilo     |
| 4761 | 1.5         | Alkaline               | -          | 41.5        | -          | 8.3           | 6.5        | LR8D425 | AAAA, MN2500                       |

| Type | Batteries/consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit | EAN/GTIN/consumer unit | Minimum pieces/shipment unit | Innercarton | Mastercarton |
|------|-------------------------|------------|-------------|------------|------------|-------------------------|------------------------|------------------------------|-------------|--------------|
| 4703 | 2                       | 80         | 120         | 12         | 27         | 04703 101 412           | 40 08496 11473 3       | 10                           | 10          | 50           |
| 4703 | 4                       | 80         | 120         | 12         | 50         | 04703 101 404           | 40 08496 10473 4       | 10                           | 10          | 50           |
| 4703 | 4+2                     | 80         | 120         | 12         | 72         | 04703 101 436           | 40 08496 67583 8       | 10                           | 10          | 50           |
| 4706 | 2                       | 80         | 120         | 16         | 51         | 04706 101 412           | 40 08496 11476 4       | 20                           | 20          | 100          |
| 4706 | 4                       | 80         | 120         | 16         | 99         | 04706 101 404           | 40 08496 10594 6       | 20                           | 20          | 100          |
| 4706 | 4+2                     | 80         | 120         | 28         | 148        | 04706 101 436           | 40 08496 67579 1       | 10                           | 10          | 50           |
| 4761 | 2                       | 80         | 120         | 10         | 19         | 04761 101 412           | 40 08496 52497 6       | 10                           | 10          | 50           |

LONG LIFE  
HIGH ENERGY

MAX TECH

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

HIGH ENERGY | CELLS TRAY



LONG LIFE

HIGH ENERGY

MAX TECH



HIGH ENERGY | BLISTER



LONG LIFE

HIGH ENERGY

MAX TECH



- VARTA power – for energy-hungry devices with high energy demands
- Power „MADE IN GERMANY“ for all important battery types

| Type | Voltage (V) | Electrochemical system | Width (mm) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC   | Others                                 |
|------|-------------|------------------------|------------|-------------|------------|---------------|------------|-------|--|
| 4903 | 1.5         | Alkaline               | -          | 44.5        | -          | 10.5          | 11.3       | LR03  | Micro, AAA, AM4, MN2400, Ministilo     |
| 4906 | 1.5         | Alkaline               | -          | 50.5        | -          | 14.5          | 23.5       | LR6   | Mignon, AA, AM3, MN1500, Stilo         |
| 4912 | 4.5         | Alkaline               | 62.0       | 67.0        | 22.0       | -             | 168.5      | 3LR12 | Normal MN1203                          |
| 4914 | 1.5         | Alkaline               | -          | 50.0        | -          | 26.2          | 68.5       | LR14  | Baby, C, AM2, MN1400, 1/2Torcia        |
| 4918 | 6.0         | Alkaline               | 48.5       | 35.6        | 9.2        | -             | 34.0       | 4LR61 | Flat Pack, J                           |
| 4920 | 1.5         | Alkaline               | -          | 61.5        | -          | 34.2          | 136.0      | LR20  | Mono, D, AM1, MN1300, Torcia           |
| 4922 | 9.0         | Alkaline               | 26.5       | 48.5        | 17.5       | -             | 48.5       | 6LR61 | E-Block, PP3, 6AM6, MN1604, Transistor |

| Type | Batteries/ consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN/GTIN/ consumer unit | Minimum pieces/ shipment unit | Innercarton | Mastercarton |
|------|--------------------------|------------|-------------|------------|------------|--------------------------|-------------------------|-------------------------------|-------------|--------------|
| 4903 | 4                        | 80         | 120         | 12         | 50         | 04903 121 814            | 40 08496 55974 9        | 14                            | -           | 14           |
| 4906 | 4                        | 80         | 120         | 16         | 99         | 04906 121 814            | 40 08496 55943 5        | 11                            | -           | 11           |
| 4906 | 4                        | 60         | 52          | 15         | 94         | 04906 121 354            | 40 08496 57340 0        | 10                            | 10          | 100          |

- Clear communication of recommended use by way of pictograms
- „Made in Germany“ as the proof of origin on the blister front of the most important product types
- Single Press Out enables easy opening of the pack and good storage for unused batteries
- Performance statements on the packaging of the most important sizes AA / AAA demonstrate the product benefits to consumers and assist in orientation

| Type  | Batteries/ consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN/GTIN/ consumer unit | Minimum pieces/ shipment unit | Innercarton | Mastercarton |
|-------|--------------------------|------------|-------------|------------|------------|--------------------------|-------------------------|-------------------------------|-------------|--------------|
| 4903  | 2                        | 80         | 120         | 12         | 27         | 04903 121 412            | 40 08496 55970 1        | 10                            | 10          | 50           |
| 4903  | 4                        | 80         | 120         | 12         | 50         | 04903 121 414            | 40 08496 55974 9        | 10                            | 10          | 50           |
| 4903* | 8                        | 167        | 120         | 12         | 104        | 04903 121 418            | 40 08496 55978 7        | 20                            | -           | 20           |
| 4903* | 10                       | 167        | 120         | 12         | 126        | 04903 121 461            | 40 08496 62687 8        | 20                            | -           | 20           |
| 4903* | 12                       | 167        | 120         | 12         | 149        | 04903 121 482            | 40 08496 59303 3        | 20                            | -           | 20           |
| 4903* | 20                       | 167        | 120         | 22         | 242        | 04903 121 420            | 40 08496 62807 0        | 10                            | 10          | 20           |
| 4903  | 4+1                      | 80         | 120         | 12         | 62         | 04903 121 415            | 40 08496 67396 4        | 10                            | 10          | 50           |
| 4903  | 4+2                      | 80         | 120         | 12         | 72         | 04903 121 436            | 40 08496 60523 1        | 10                            | 10          | 50           |
| 4903* | 6+2                      | 167        | 120         | 12         | 102        | 04903 121 428            | 40 08496 56885 7        | 20                            | -           | 20           |
| 4903* | 8+4                      | 167        | 120         | 12         | 149        | 04903 121 472            | 40 08496 65920 3        | 20                            | -           | 20           |
| 4906  | 2                        | 80         | 120         | 16         | 51         | 04906 121 412            | 40 08496 55939 8        | 20                            | 20          | 100          |
| 4906  | 4                        | 80         | 120         | 16         | 99         | 04906 121 414            | 40 08496 55943 5        | 20                            | 20          | 100          |
| 4906* | 8                        | 167        | 120         | 16         | 203        | 04906 121 418            | 40 08496 55951 0        | 20                            | -           | 20           |
| 4906* | 10                       | 167        | 120         | 16         | 254        | 04906 121 461            | 40 08496 62680 9        | 20                            | -           | 20           |
| 4906* | 12                       | 167        | 120         | 16         | 301        | 04906 121 482            | 40 08496 55967 1        | 20                            | -           | 20           |
| 4906* | 20                       | 167        | 120         | 30         | 486        | 04906 121 420            | 40 08496 60565 1        | 10                            | 10          | 20           |
| 4906  | 4+1                      | 80         | 120         | 16         | 125        | 04906 121 415            | 40 08496 55947 3        | 10                            | 10          | 50           |
| 4906  | 4+2                      | 80         | 120         | 28         | 148        | 04906 121 436            | 40 08496 56877 2        | 10                            | 10          | 50           |
| 4906* | 6+2                      | 167        | 120         | 16         | 198        | 04906 121 428            | 40 08496 55955 8        | 20                            | -           | 20           |
| 4906* | 8+4                      | 167        | 120         | 16         | 301        | 04906 121 472            | 40 08496 65923 4        | 20                            | -           | 20           |
| 4912  | 1                        | 80         | 120         | 23         | 175        | 04912 121 411            | 40 08496 55994 7        | 10                            | 10          | 100          |
| 4914  | 2                        | 80         | 120         | 27         | 139        | 04914 121 412            | 40 08496 55931 2        | 10                            | 10          | 100          |
| 4918  | 1                        | 80         | 120         | 12         | 39         | 04918 121 401            | 40 08496 55998 5        | 10                            | 10          | 50           |
| 4920  | 2                        | 80         | 120         | 35         | 280        | 04920 121 412            | 40 08496 55923 7        | 10                            | 10          | 50           |
| 4922  | 1                        | 80         | 120         | 19         | 51         | 04922 121 411            | 40 08496 55986 2        | 10                            | 10          | 50           |

\* Double blister

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

LOGLIFE | CELLS TRAY



LOGLIFE

HIGH ENERGY

MAX TECH

LOGLIFE | BLISTER FOIL



LOGLIFE

HIGH ENERGY

MAX TECH

- VARTA durability - for simple devices with rather low and constant energy demands

| Type | Voltage (V) | Electrochemical system | Width (mm) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC   | Others                                 |
|------|-------------|------------------------|------------|-------------|------------|---------------|------------|-------|--|
| 4103 | 1.5         | Alkaline               | -          | 44.5        | -          | 10.5          | 11.0       | LR03  | Micro, AAA, AM4, MN2400, Ministilo     |
| 4106 | 1.5         | Alkaline               | -          | 50.5        | -          | 14.5          | 23.0       | LR6   | Mignon, AA, AM3, MN1500, Stilo         |
| 4114 | 1.5         | Alkaline               | -          | 50.0        | -          | 26.2          | 66.5       | LR14  | Baby, C, AM2, MN1400, 1/2Torcia        |
| 4120 | 1.5         | Alkaline               | -          | 61.5        | -          | 34.2          | 136.0      | LR20  | Mono, D, AM1, MN1300, Torcia           |
| 4122 | 9.0         | Alkaline               | 26.5       | 48.5        | 17.5       | -             | 46.0       | 6LR61 | E-Block, PP3, 6AM6, MN1604, Transistor |
| 4112 | 4.5         | Alkaline               | 80         | 120         | 23         | -             | 96         | 3LR12 | Normal, MN1203                         |

| Type | Batteries/ consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN/GTIN/ consumer unit | Minimum pieces/ shipment unit | Innecarton | Mastercarton |
|------|--------------------------|------------|-------------|------------|------------|--------------------------|-------------------------|-------------------------------|------------|--------------|
| 4106 | 4                        | 60         | 52          | 15         | 93         | 04106 101 354            | 40 08496 57277 9        | 10                            | 10         | 100          |
| 4106 | 4                        | 80         | 120         | 16         | 98         | 04106 101 894            | 40 08496 52515 7        | 22                            | -          | 22           |
| 4103 | 4                        | 80         | 120         | 12         | 49         | 04103 101 894            | 40 08496 52507 2        | 28                            | -          | 28           |

- New innovative foilpacks: Communicative, for hooks & stackable on shelves
- Clear communication of recommended use by way of pictograms
- „Made in Germany“ as the proof of origin on the blister front of the most important product types
- Single Press Out enables easy opening of the pack and good storage for unused batteries

| Type  | Batteries/ consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN/GTIN/ consumer unit | Minimum pieces/ shipment unit | Innecarton | Mastercarton |
|-------|--------------------------|------------|-------------|------------|------------|--------------------------|-------------------------|-------------------------------|------------|--------------|
| 4103  | 2                        | 80         | 120         | 12         | 26         | 04103 101 412            | 40 08496 59472 6        | 10                            | 10         | 50           |
| 4103  | 4                        | 80         | 120         | 12         | 49         | 04103 101 414            | 40 08496 52507 2        | 10                            | 10         | 50           |
| 4103  | 6                        | 80         | 120         | 12         | 70         | 04103 101 416            | 40 08496 52511 9        | 10                            | 10         | 50           |
| 4103* | 10                       | 167        | 120         | 12         | 123        | 04103 101 461            | 40 08496 60931 4        | 20                            | -          | 20           |
| 4103* | 16                       | 167        | 120         | 22         | 193        | 04103 214 416            | 40 08496 59208 1        | 14                            | -          | 14           |
| 4106  | 2                        | 80         | 120         | 16         | 51         | 04106 101 412            | 40 08496 59467 2        | 20                            | 20         | 100          |
| 4106  | 4                        | 80         | 120         | 16         | 98         | 04106 101 414            | 40 08496 52515 7        | 20                            | 20         | 100          |
| 4106  | 6                        | 80         | 120         | 28         | 147        | 04106 101 436            | 40 08496 64083 6        | 10                            | 10         | 50           |
| 4106* | 10                       | 167        | 120         | 16         | 252        | 04106 101 461            | 40 08496 52523 2        | 20                            | -          | 20           |
| 4106* | 16                       | 167        | 120         | 28         | 392        | 04106 214 416            | 40 08496 59211 1        | 10                            | -          | 10           |
| 4112  | 1                        | 80         | 120         | 23         | 96         | 04112 101 411            | 40 08496 67262 2        | 10                            | 10         | 100          |
| 4114  | 2                        | 80         | 120         | 27         | 139        | 04114 101 412            | 40 08496 52526 3        | 10                            | 10         | 100          |
| 4120  | 2                        | 80         | 120         | 35         | 280        | 04120 101 412            | 40 08496 52534 8        | 10                            | 10         | 50           |
| 4122  | 1                        | 80         | 120         | 19         | 51         | 04122 101 411            | 40 08496 52542 3        | 10                            | 10         | 50           |
| 4122  | 2                        | 80         | 120         | 19         | 97         | 04122 101 412            | 40 08496 63846 8        | 10                            | 10         | 50           |

\* Double blister

| Type    | Batteries/ consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN/GTIN/ consumer unit | Minimum pieces/ shipment unit | Innecarton | Mastercarton |
|---------|--------------------------|------------|-------------|------------|------------|--------------------------|-------------------------|-------------------------------|------------|--------------|
| 4103**  | 8                        | 55         | 121         | 11         | 90         | 04103 101 328            | 40 08496 74468 8        | 25                            | -          | 25           |
| 4106**  | 8                        | 64         | 155         | 15         | 188        | 04106 101 328            | 40 08496 68112 9        | 25                            | -          | 25           |
| 4114*** | 6                        | 156        | 50          | 27         | 401        | 04114 101 306            | 40 08496 57274 8        | 30                            | -          | 30           |

\*\* Flowpack

\*\*\* Foil

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

**SUPERLIFE | FOIL TRAY BLISTER**



**SPECIAL | BATTERIES FOR SPECIAL NEEDS AND FOR ELECTRIC FENCES**



- Brand quality for the price-conscious
- Reliable zinc-carbon cells for all low-drain appliances like clocks etc.

- Compact, powerful batteries for continuous operation
- Focus of use in safety devices, e.g. alarm systems, continuous light bulbs or flashlights

| Type   | Voltage (V) | Electrochemical System | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Batteries/consumer unit | Order No./consumer unit | EAN/GTIN/consumer unit (40 08496) | Minimum pieces/shipment unit | Innercarton | Mastercarton | IEC   | Others     |
|--------|-------------|------------------------|------------|-------------|------------|------------|-------------------------|-------------------------|-----------------------------------|------------------------------|-------------|--------------|-------|------------|
| 2006*  | 1.5         | Zinc Carbon            | 60         | 52          | 15         | 72         | 4                       | 2006 101 304            | 40 08496 55646 5                  | 12                           | 12          | 60           | R6P   | Mignon, AA |
| 2006*  | 1.5         | Zinc Carbon            | 122        | 52          | 15         | 145        | 8                       | 2006 101 308            | 40 08496 20661 2                  | 6                            | 6           | 30           | R6P   | Mignon, AA |
| 2012*  | 4.5         | Zinc Carbon            | 62         | 64          | 22         | 102        | 1                       | 2012 101 301            | 40 08496 55659 5                  | 44                           | -           | 44           | 3R12P | Normal     |
| 2014*  | 1.5         | Zinc Carbon            | 54         | 51          | 27         | 96         | 2                       | 2014 101 302            | 40 08496 55650 2                  | 12                           | 12          | 60           | R14P  | Baby, C    |
| 2014*  | 1.5         | Zinc Carbon            | 104        | 50          | 27         | 193        | 4                       | 2014 101 304            | 40 08496 62630 4                  | 6                            | 6           | 30           | R14P  | Baby, C    |
| 2020*  | 1.5         | Zinc Carbon            | 70         | 62          | 35         | 202        | 2                       | 2020 101 302            | 40 08496 55654 0                  | 12                           | 12          | 60           | R20P  | Mono, D    |
| 2020*  | 1.5         | Zinc Carbon            | 206        | 61          | 34         | 602        | 6                       | 2020 101 306            | 40 08496 62627 4                  | 20                           | -           | 20           | R20P  | Mono, D    |
| 2022*  | 9.0         | Zinc Carbon            | 26.5       | 48.5        | 17.5       | 38         | 1                       | 2022 101 301            | 40 08496 55663 2                  | 12                           | 12          | 216          | 6F22  | E-Block    |
| 2003** | 1.5         | Zinc Carbon            | 80         | 120         | 11.5       | 38         | 4                       | 2003 101 414            | 40 08496 67618 7                  | 12                           | 12          | 24           | R03P  | Micro, AAA |
| 2006** | 1.5         | Zinc Carbon            | 80         | 120         | 16         | 76         | 4                       | 2006 101 414            | 40 08496 55626 7                  | 12                           | 12          | 60           | R6P   | Mignon, AA |
| 2012** | 4.5         | Zinc Carbon            | 80         | 120         | 23.5       | 106        | 1                       | 2012 101 411            | 40 08496 55638 0                  | 10                           | 10          | 100          | 3R12P | Normal     |
| 2014** | 1.5         | Zinc Carbon            | 80         | 120         | 27         | 102        | 2                       | 2014 101 412            | 40 08496 55630 4                  | 12                           | 12          | 60           | R14P  | Baby, C    |
| 2020** | 1.5         | Zinc Carbon            | 80         | 120         | 35         | 208        | 2                       | 2020 101 412            | 40 08496 55634 2                  | 12                           | 12          | 60           | R20P  | Mono, D    |
| 2022** | 9.0         | Zinc Carbon            | 80         | 120         | 19         | 43         | 1                       | 2022 101 411            | 40 08496 55642 7                  | 10                           | 10          | 50           | 6F22  | E-Block    |

\* Foil  
\*\* Blister

| Type  | Voltage (V) | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Capacity (Ah) | Order No./consumer unit | EAN/GTIN/consumer unit | Minimum pieces/shipment unit | IEC     | Electrochemical system |
|-------|-------------|------------|-------------|------------|------------|---------------|-------------------------|------------------------|------------------------------|---------|------------------------|
| 420   | 6.0         | 67         | 112         | 67         | 560        | 8.1           | 00420 101 111           | 40 08496 20331 4       | 16                           | 4R25Y   | Zinc-chlorid           |
| 430   | 6.0         | 67         | 115         | 67         | 570        | 7.5           | 00430 101 111           | 40 08496 17138 5       | 20                           | 4R25X   | Zinc-chlorid           |
| 431   | 6.0         | 67         | 115         | 67         | 558        | 8.5           | 00431 101 111           | 40 08496 17139 2       | 20                           | 4R25X   | Zinc-chlorid           |
| 435   | 6.0         | 136        | 125         | 73         | 1293       | 33            | 00435 101 111           | 40 08496 49399 9       | 6                            | 4LR25-2 | Alkaline               |
| 439   | 9.0         | 66         | 81          | 52         | 360        | 4.6           | 00439 101 111           | 40 08496 20425 0       | 6                            | 6F100   | Zinc-chlorid           |
| 540*  | 6.0         | 130        | 120         | 70         | 1142       | 19            | 00540 101 111           | 40 08496 16562 9       | 5                            | 4R25-2  | Zinc-chlorid           |
| 540** | 6.0         | 130        | 120         | 70         | 1142       | 19            | 00540 101 121           | 40 08496 16509 4       | 5                            | 4R25-2  | Zinc-chlorid           |

\* Plastic housing  
\*\* Metal housing

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



# RECHARGEABLE BATTERIES AND CHARGER RANGE

The green product line.

LONGLASTING



POWER



PRECISE ENERGY



Better orientation for a simplified purchasing decision at shelf. With the Energy concept - always the right energy for every device - VARTA offers a better consumer orientation for buying chargers and accu. The clearly differentiated product lines in the new design make it easy for consumers to find the right rechargeable battery or charger for all devices. The focus on the "green" category and the clear performance claiming for the most important AA & AAA battery sizes are supporting the right purchasing decision.



## LOGLIFE ACCU | CELLS BLISTER



- Ni-MH product range with longlasting energy for all standard devices
- Suitable for all chargers
- Rechargeable without memory effect
- With Ready 2 Use technology: These rechargeable batteries are ready to be used immediately without requiring any charging first. Very low self-discharge

| Type   | Voltage (V) | Electrochemical system | Typical capacity (mAh) | Height/Depth (mm) | Diameter (mm) | Weight (g) | IEC   | Others     |
|--------|-------------|------------------------|------------------------|-------------------|---------------|------------|-------|------------|
| 56703* | 1.2         | Ni-MH                  | 800                    | 44.5              | 10.5          | 12         | HR 03 | AAA, Micro |
| 56716* | 1.2         | Ni-MH                  | 1600                   | 50.5              | 14.5          | 25         | HR 6  | AA, Mignon |
| 56706* | 1.2         | Ni-MH                  | 2100                   | 50.5              | 14.5          | 29         | HR 6  | AA, Mignon |
| 56736* | 1.2         | Ni-MH                  | 800                    | 50.5              | 14.5          | 19         | HR 6  | AA, Mignon |

| Type   | Batteries/consumer unit | Electrochemical system | Typical capacity (mAh) | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit | EAN/GTIN/consumer unit | Minimum pieces/shipment unit | Innercarton | Mastercarton | IEC   | Others     |
|--------|-------------------------|------------------------|------------------------|------------|-------------|------------|------------|-------------------------|------------------------|------------------------------|-------------|--------------|-------|------------|
| 56703* | 2                       | Ni-MH                  | 800                    | 80         | 120         | 12         | 28         | 56703 101 402           | 40 08496 55057 9       | 10                           | 10          | 50           | HR 03 | AAA, Micro |
| 56703* | 4                       | Ni-MH                  | 800                    | 80         | 120         | 12         | 52         | 56703 101 404           | 40 08496 55061 6       | 10                           | 10          | 50           | HR 03 | AAA, Micro |
| 56703* | 6                       | Ni-MH                  | 800                    | 80         | 120         | 12         | 76         | 56703 101 436           | 40 08496 67431 2       | 10                           | 10          | 50           | HR 03 | AAA, Micro |
| 56703* | 5+1                     | Ni-MH                  | 800                    | 80         | 120         | 12         | 76         | 56703 101 476           | 40 08496 67547 0       | 10                           | 10          | 50           | HR 03 | AAA, Micro |
| 56703* | 3+1                     | Ni-MH                  | 800                    | 80         | 120         | 12         | 52         | 56703 101 494           | 40 08496 63637 2       | 10                           | 10          | 50           | HR 03 | AAA, Micro |
| 56716* | 2                       | Ni-MH                  | 1600                   | 80         | 120         | 16         | 54         | 56716 101 402           | 40 08496 63570 2       | 10                           | 10          | 100          | HR 6  | AA, Mignon |
| 56716* | 4                       | Ni-MH                  | 1600                   | 80         | 120         | 16         | 104        | 56716 101 404           | 40 08496 63574 0       | 10                           | 10          | 100          | HR 6  | AA, Mignon |
| 56706* | 2                       | Ni-MH                  | 2100                   | 80         | 120         | 16         | 62         | 56706 101 402           | 40 08496 55065 4       | 10                           | 10          | 100          | HR 6  | AA, Mignon |
| 56706* | 4                       | Ni-MH                  | 2100                   | 80         | 120         | 16         | 120        | 56706 101 404           | 40 08496 55069 2       | 10                           | 10          | 100          | HR 6  | AA, Mignon |
| 56706* | 6                       | Ni-MH                  | 2100                   | 80         | 120         | 28         | 181        | 56706 101 436           | 40 08496 67427 5       | 10                           | 10          | 50           | HR 6  | AA, Mignon |
| 56706* | 3+1                     | Ni-MH                  | 2100                   | 80         | 120         | 16         | 120        | 56706 101 494           | 40 08496 63641 9       | 10                           | 10          | 100          | HR 6  | AA, Mignon |
| 56706* | 4+2                     | Ni-MH                  | 2100                   | 80         | 120         | 25         | 147        | 56706 101 496           | 40 08496 63798 0       | 10                           | 10          | 30           | HR 6  | AA, Mignon |
| 56706* | 5+1                     | Ni-MH                  | 2100                   | 80         | 120         | 28         | 181        | 56706 101 476           | 40 08496 67543 2       | 10                           | 10          | 50           | HR 6  | AA, Mignon |
| 56736  | 2                       | Ni-MH                  | 800                    | 80         | 120         | 16         | 42         | 56736 101 402           | 40 08496 65868 8       | 10                           | 10          | 100          | HR 6  | AA, Mignon |

\* with Ready 2 Use Technology





POWER ACCUS | CELLS  
BLISTER

LONG LIFE

POWER

PROFESSIONAL



- Powerful Ni-MH product range in all relevant sizes and capacities for all energy-hungry applications
- Suitable for all chargers
- Rechargeable without memory effect
- With Ready 2 Use technology: These rechargeable batteries are ready to be used immediately without requiring any charging first. Very low self-discharge

| Type   | Batteries/<br>consumer unit | Electrochemical<br>system | Typical capacity<br>(mAh) | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./<br>consumer unit | EAN/GTIN/<br>consumer unit | Minimum pieces/<br>shipment unit | Innercarton | Mastercarton | IEC     | Others     |
|--------|-----------------------------|---------------------------|---------------------------|------------|-------------|------------|------------|-----------------------------|----------------------------|----------------------------------|-------------|--------------|---------|------------|
| 56713* | 2                           | Ni-MH                     | 900                       | 80         | 120         | 12         | 30         | 56713 101 402               | 40 08496 67841 9           | 10                               | 10          | 50           | HR 03   | AAA, Micro |
| 56713* | 4                           | Ni-MH                     | 900                       | 80         | 120         | 12         | 54         | 56713 101 404               | 40 08496 67845 7           | 10                               | 10          | 50           | HR 03   | AAA, Micro |
| 56713* | 4+1                         | Ni-MH                     | 900                       | 80         | 120         | 12         | 68         | 56713 101 405               | 40 08496 68090 0           | 10                               | 10          | 50           | HR 03   | AAA, Micro |
| 56763  | 2                           | Ni-MH                     | 1000                      | 80         | 120         | 12         | 32         | 56763 101 402               | 40 08496 57973 0           | 10                               | 10          | 50           | HR 03   | AAA, Micro |
| 56763  | 4                           | Ni-MH                     | 1000                      | 80         | 120         | 12         | 60         | 56763 101 404               | 40 08496 57977 8           | 10                               | 10          | 50           | HR 03   | AAA, Micro |
| 56763  | 3+1                         | Ni-MH                     | 1000                      | 80         | 120         | 12         | 60         | 56763 101 494               | 40 08496 66142 8           | 10                               | 10          | 50           | HR 03   | AAA, Micro |
| 56726* | 2                           | Ni-MH                     | 2300                      | 80         | 120         | 16         | 64         | 56726 101 402               | 40 08496 65837 4           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56726* | 4                           | Ni-MH                     | 2300                      | 80         | 120         | 16         | 124        | 56726 101 404               | 40 08496 65841 1           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56726* | 4+1                         | Ni-MH                     | 2300                      | 80         | 120         | 16         | 158        | 56726 101 405               | 40 08496 68094 8           | 10                               | 10          | 50           | HR 6    | AA, Mignon |
| 56756* | 2                           | Ni-MH                     | 2400                      | 80         | 120         | 16         | 64         | 56756 101 402               | 40 08496 57542 8           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56756* | 4                           | Ni-MH                     | 2400                      | 80         | 120         | 16         | 124        | 56756 101 404               | 40 08496 57546 6           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56756* | 3+1                         | Ni-MH                     | 2400                      | 80         | 120         | 16         | 124        | 56756 101 494               | 40 08496 66146 6           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56776* | 2                           | Ni-MH                     | 2500                      | 80         | 120         | 16         | 64         | 56776 101 402               | 40 08496 74601 9           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56776* | 4                           | Ni-MH                     | 2500                      | 80         | 120         | 16         | 124        | 56776 101 404               | 40 08496 74605 7           | 10                               | 10          | 100          | HR 6    | AA, Mignon |
| 56714* | 2                           | Ni-MH                     | 3000                      | 80         | 120         | 27         | 138        | 56714 101 402               | 40 08496 55073 9           | 10                               | 10          | 100          | HR 14   | C, Baby    |
| 56720* | 2                           | Ni-MH                     | 3000                      | 80         | 120         | 35         | 172        | 56720 101 402               | 40 08496 55077 7           | 10                               | 10          | 50           | HR 20   | D, Mono    |
| 56722* | 1                           | Ni-MH                     | 200                       | 80         | 120         | 19         | 41         | 56722 101 401               | 40 08496 55081 4           | 10                               | 10          | 50           | HR6F 22 | E-Block    |

\* with Ready 2 Use Technology

PROFESSIONAL ACCUS | CELLS  
BLISTER

LONG LIFE

POWER

PROFESSIONAL



- Precise energy bundle for endless fun with digital cameras, MP3 players and many others
- The first choice for all digital, high-performance products.

| Type  | Voltage (V) | Electrochemical<br>system | Typical capacity<br>(mAh) | Width (mm) | Height/Depth (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC   | Others     |
|-------|-------------|---------------------------|---------------------------|------------|-------------------|------------|---------------|------------|-------|------------|
| 5703  | 1.2         | Ni-MH                     | 1000                      | -          | 44.5              | -          | 10.5          | 14.0       | HR 03 | AAA, Micro |
| 5716* | 1.2         | Ni-MH                     | 2500                      | -          | 50.5              | -          | 14.5          | 30.0       | HR 6  | AA, Mignon |

| Type  | Batteries/<br>consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./<br>consumer unit | EAN/GTIN/<br>consumer unit | Minimum pieces/<br>shipment unit | Innercarton | Mastercarton |
|-------|-----------------------------|------------|-------------|------------|------------|-----------------------------|----------------------------|----------------------------------|-------------|--------------|
| 5703  | 2                           | 80         | 120         | 12         | 32         | 05703 301 402               | 40 08496 53862 1           | 10                               | 10          | 50           |
| 5703  | 4                           | 80         | 120         | 12         | 60         | 05703 301 404               | 40 08496 59437 5           | 10                               | 10          | 50           |
| 5716* | 2                           | 80         | 120         | 16         | 64         | 05716 101 402               | 40 08496 74593 7           | 10                               | 10          | 100          |
| 5716* | 4                           | 80         | 120         | 16         | 124        | 05716 101 404               | 40 08496 74597 5           | 10                               | 10          | 100          |

\* with Ready 2 Use Technology

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

**READY 2 USE-TECHNOLOGY**

**Advantages of Ready 2 Use-Accus (rechargeable batteries)**

- VARTA R2U-Accus are ready to be used **straight from the pack** without requiring charging first
- VARTA R2U-Accus **have** a very low self-discharge and a **long** shelf life
- It's possible to keep the VARTA R2U-Accus in your device for a long time, without recharging
- It's possible to use the VARTA R2U-Accus for **energy-hungry devices** as well as for **low current devices**
- All VARTA R2U-Accus are rechargeable in **all** chargers

**100% PRECHARGED**

6 Months 12 Months

**LOW SELF-DISCHARGE = READY 2 USE**



**Timer / cut-off:**

A timer switches off after a specified time irrespective of charging status.



**Voltage gauge method / Minus Delta V method (-dV):**

Method which takes advantage of the fact that the cell voltage reduces slightly in a rechargeable battery (-Delta V), as soon as the cell is completely charged.



**Global Voltage:**

Global voltage for worldwide use.



**Individual charging channels:**

Enables you to charge different numbers and combinations of cells.



**Temperature control:**

The temperature of the rechargeable battery is measured whilst it is charging. If this rises above a defined maximum temperature level the charger switches itself off.



**Reverse polarity protection, recognition of alkaline or defect cells:**

Contains criteria for switching off to prevent charging of primary cells, defect cells or cells with reverse polarity.



**Trickle charge:**

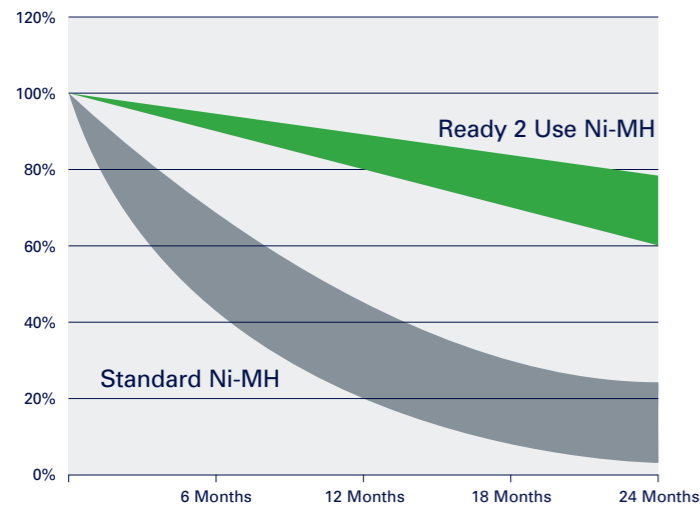
Prevents the natural self-discharging process of rechargeable cells.



**USB-in & USB-out function:**

Charge your batteries by using the USB-Port of your Laptop as the power source or charge your devices directly from USB charger.

**Comparison between self-discharge Ready 2 Use Ni-MH and standard Ni-MH**

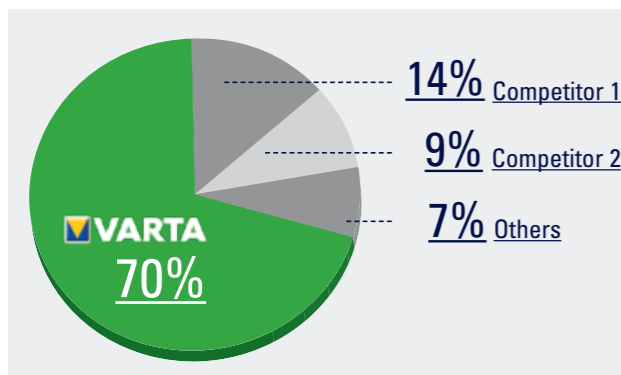


**Ready 2 Use: Low self-discharge through improved technique**

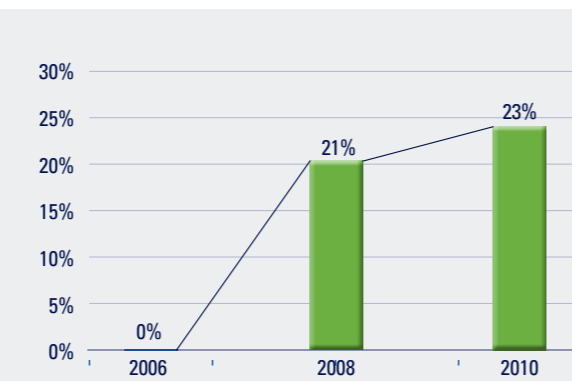
- + modified electron material
- + improved separators
- + reduced ammoniac shuttle process

**Much less energy loss than standard Ni-Mh Accus after 24 months**

**Market share in Germany**



**Market share value of „R2U-Technology“ in Germany**



**Value of „R2U-Technology“ on German Ni-MH market**

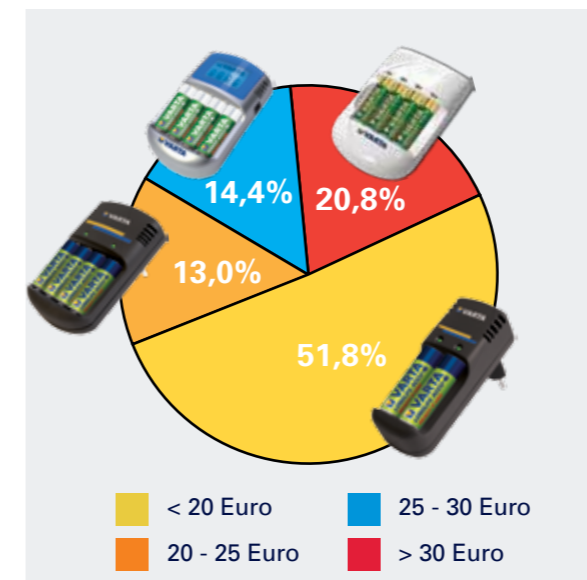
**Eco-design directive - what does EUP mean?**

The directive 2005/32/EG, of the European Parliament to create a framework for the agreement of requirements on environmental friendly design of Energy using Products (EUP) are primarily required to have a higher efficiency on main supplies and a lower energy consumption in stand-by-modus.

The design and the construction of a product is very important to minimise the environmental impact and the aim of the EuP-directive is to improve the environmental compatibility of Energy using Products due to general and specified Eco-design requirements.



**Price segments VARTA chargers**



**Energy segments VARTA chargers**

| LONG LASTING     | POWERFUL          | PRECISE HIGH TECH        |
|------------------|-------------------|--------------------------|
|                  |                   |                          |
|                  |                   |                          |
|                  |                   |                          |
| <b>EASY LINE</b> | <b>POWER LINE</b> | <b>PROFESSIONAL LINE</b> |

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



# THE NEW EU DIRECTIVE ABOUT CAPACITY CLAIMING OF RECHARGEABLE BATTERIES

The **EU directive** concerning the capacity claiming of rechargeable batteries (according to article 21 (2) of the battery directive 2006/66/EG & regulation (EU) 1103/2010) came into force **November 29th 2010** and has to be transposed by all battery manufacturers after a transition period of 18 months – at the latest on **May 29th 2012**.

In this new **EU directive** detailed rules about determining and claiming of capacity were established. It will guarantee in future, that capacity claiming for rechargeable batteries will be established on the same basis irrespective of manufacturers. While in the past the nominal capacity was claimed, latest from **May 29th 2012** the minimum capacity will be the only measurement which legally can be labelled on any rechargeable battery sold within the European Union.

**VARTA** is in the implementation phase of the regulation and will of course deliver – as a provider of quality products – all rechargeable batteries, which comply to the new **EU regulation**.



## MAJOR MILESTONES OF THE EU DIRECTIVE

★ **November 29th 2010**

EU directive (according to article 21 (2) of the battery directive 2006/66/EG & regulation (EU) 1103/2010) came into force – with a transition period of 18 months.

★ **May 29th 2012**

End of transition period – last supply of rechargeable batteries with the nominal capacity claiming.

★ **May 30th 2012**

Manufacturer can only deliver rechargeable batteries according to the new EU directive with the minimum capacity claiming.

## KEY FACTS

### Nominal capacity claiming:

Was the leading standard for rechargeable batteries claiming from all manufactures.

### Minimum Capacity claiming:

Is the new standard for all rechargeable batteries claiming for all manufactures.

As always **VARTA** remain your reliable supplier and we consider it our responsibility to make sure you are kept aware of changes to regulations whilst ensuring you receive our continued **highest quality products** and care.



EASY LINE CHARGERS



Easy Line – Mini Charger  
with different garnishing  
57666



Easy Line – Pocket Charger  
with different garnishing  
57662

EASY LINE

POWER LINE

PROFESSIONAL LINE

EASY LINE CHARGERS



Easy Line – Micro USB Charger  
incl. 4 x AA 2100 mAh  
57650



Easy Line – Plug Charger  
with different garnishing  
57667



Easy Line – Universal Charger  
without cells  
57668

EASY LINE

POWER LINE

PROFESSIONAL LINE

- Easy Line is the perfect price entry range
- This line is for ease of use with high functionality at best price
- Easy Line - Mini Charger: The most favorable of the VARTA chargers incl. Ready2Use rechargeable batteries; ideal for MP3 players
- Easy Line - Pocket Charger: For two or four cells in a handy design

| Type  | Voltage (V) | Plug | Equipped with                                   | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit  | EAN / GTIN (40 08496) | Consumer unit | Minimum pieces/ shipment unit | Mastercarton | Charging time | Shutdown function | Trickle charging | Painwise charging is necessary | Chargeable sizes | Technologies | Power supply (internal – external) |
|---|-------------|------|---|------------|-------------|------------|------------|---------------------------|-----------------------|---------------|-------------------------------|--------------|---------------|-------------------|------------------|--------------------------------|------------------|--------------|------------------------------------|
| Mini Charger  | 230         | EURO | without cells                                   | 80         | 195         | 78         | 160        | 57666 101 401 ... 67366 7 | 1                     | 4             | 4                             | 15 h         | -             | -                 | Yes              | 2 AA, AAA                      | Ni-MH            | Internal     |                                    |
| Mini Charger (incl. 2 x AA 1600 mAh)*                     | 230         | EURO | 2 x AA 1600 mAh 56716*                          | 80         | 195         | 78         | 210        | 57666 101 421 ... 67369 8 | 1                     | 4             | 4                             | 15 h         | -             | -                 | Yes              | 2 AA, AAA                      | Ni-MH            | Internal     |                                    |
| Mini Charger (incl. 2 x AA 2100 mAh)*                     | 230         | EURO | 2 x AA 2100 mAh 56706*                          | 80         | 195         | 78         | 218        | 57666 101 451 ... 67372 8 | 1                     | 4             | 4                             | 15 h         | -             | -                 | Yes              | 2 AA, AAA                      | Ni-MH            | Internal     |                                    |
| Mini Charger (incl. 2 x AAA 800 mAh)*                     | 230         | EURO | 2 x AAA 800 mAh 56703*                          | 80         | 195         | 78         | 184        | 57666 201 421 ... 67378 0 | 1                     | 4             | 4                             | 15 h         | -             | -                 | Yes              | 2 AA, AAA                      | Ni-MH            | Internal     |                                    |
| Mini Charger (incl. 2 x AA 2400 mAh)*                     | 230         | EURO | 2 x AA 2400 mAh 56756*                          | 80         | 195         | 78         | 220        | 57666 101 461 ... 67375 9 | 1                     | 4             | 4                             | 15 h         | -             | -                 | Yes              | 2 AA, AAA                      | Ni-MH            | Internal     |                                    |
| Pocket Charger  | 230         | EURO | without cells                                   | 80         | 195         | 85         | 223        | 57662 101 401 ... 67334 6 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 4 x AA 1600 mAh)*                   | 230         | EURO | 4 x AA 1600 mAh 56716*                          | 80         | 195         | 85         | 323        | 57662 101 441 ... 67348 3 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 4 x AA 2100 mAh)*                   | 230         | EURO | 4 x AA 2100 mAh 56706*                          | 80         | 195         | 85         | 339        | 57662 101 451 ... 67351 3 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 2 x AAA 800 mAh)*                   | 230         | EURO | 2 x AAA 800 mAh 56703*                          | 80         | 195         | 85         | 247        | 57662 201 421 ... 67360 5 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 2 x AA 2100 mAh + 2 x AAA 800 mAh)* | 230         | EURO | 2 x AA/AAA 2100 mAh/800 mAh 56706 56703*        | 80         | 195         | 85         | 305        | 57662 301 421 ... 67363 6 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 2 x AA 2500 mAh)*                   | 230         | EURO | 2 x AA 2500 mAh 56776*                          | 80         | 195         | 85         | 283        | 57662 101 421 ... 67345 2 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 4 x AA 2500 mAh)*                   | 230         | EURO | 4 x AA 2500 mAh 56776*                          | 80         | 195         | 85         | 343        | 57662 101 471 ... 67354 4 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 4 x AA 2400 mAh)*                   | 230         | EURO | 4 x AA 2400 mAh 56756*                          | 80         | 195         | 85         | 343        | 57662 101 481 ... 67357 5 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Pocket Charger (incl. 4 x AA 2100 mAh + 2 x AAA 800 mAh)* | 230         | EURO | 4 x AA + 2 x AAA 2100 mAh/800 mAh 56756* 56703* | 80         | 195         | 85         | 363        | 57662 301 431 ... 67890 7 | 1                     | 4             | 4                             | 7 h          | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |

\* with Ready 2 Use Technology

- Easy Line - Micro USB Charger: With Micro USB input according new international standard
- Easy Line - Plug Charger: The convenient and reliable plug charger for 2-4 rechargeable batteries
- Easy Line - Universal Charger: The compact multi-charger for all sizes with an energy efficient power supply

| Type   | Voltage (V) | Plug      | Equipped with            | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit  | EAN / GTIN (40 08496) | Consumer unit | Min. pieces/shipment unit | Mastercarton | Charging time | Shutdown function | Trickle charging | Painwise charging is necessary | Chargeable sizes | Technologies | Power supply (internal – external) |
|--|-------------|-----------|--------------------------|------------|-------------|------------|------------|---------------------------|-----------------------|---------------|---------------------------|--------------|---------------|-------------------|------------------|--------------------------------|------------------|--------------|------------------------------------|
| Easy Line – Micro USB Charger (incl. 4 x AA 2100 mAh)* | 5V          | Micro USB | 4 x AA 2100 mAh 56706*   | 100        | 195         | 38         | 226        | 57650 101 451 ... 68061 0 | 1                     | 4             | 4                         | 10h          | -             | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | USB in       |                                    |
| Easy Line – Plug Charger (incl. 4 x AA 2100 mAh)*      | 100-240     | EURO      | 4 x AA 2100 mAh 56706*   | 100        | 195         | 73         | 257        | 57667 101 451 ... 67381 0 | 1                     | 4             | 4                         | 5h           | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Easy Line – Plug Charger (incl. 4 x AA 2400 mAh)*      | 100-240     | EURO      | 4 x AA 2400 mAh 56756*   | 100        | 195         | 73         | 261        | 57667 101 461 ... 67384 1 | 1                     | 4             | 4                         | 5h           | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Easy Line – Plug Charger (incl. 3+1 x AA 2100 mAh)*    | 100-240     | EURO      | 3+1 x AA 2100 mAh 56706* | 100        | 195         | 73         | 257        | 57667 112 481 ... 67387 2 | 1                     | 4             | 4                         | 5h           | Timer         | -                 | Yes              | 2/4 AA, AAA                    | Ni-MH            | Internal     |                                    |
| Easy Line – Universal Charger (without cells)          | 100-240     | EURO      | without cells            | 180        | 240         | 87         | 403        | 57668 101 401 ... 67390 2 | 1                     | 2             | 2                         | 5h           | Timer         | Yes               | Yes              | 2/4 AA, AAA, C, D, 1/2 9V      | Ni-MH            | External     |                                    |

\* with Ready 2 Use Technology



The small packaging of the Easy Line chargers will allow a better usage of shelf space at the POS.

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

POWER CHARGERS



Power – LCD Plug Charger  
incl. 4 x AA 2100 mAh  
57670\*



Power – LCD Charger  
with different garnishing  
57070



EASY LINE

POWER LINE

PROFESSIONAL LINE

POWER CHARGERS



Power – Traveller  
incl. 2 x AA 2100 mAh  
57069\*



Power –  
15 minute Ultra Fast Charger  
incl. 4 x AA 2400 mAh  
+ 12V Adapter  
57075



Power – Solar Charger  
incl. 2 x AA 2100 mAh  
+ 6 Adapter for 6 devices  
57082\*



EASY LINE

POWER LINE

PROFESSIONAL LINE

- The right charger for the growing market of digital devices
- A customised product range for consumers who value power, mobility and speed
- Power – LCD Charger: Automatic rechargeable battery charge level measurement and high-quality blue LCD display
- Power - LCD Plug Charger: Plug charger with high quality blue LCD display

- Power – Traveller Charger: Can be used worldwide and is space-saving thanks to the fold away plug
- Power – 15minute Ultra Fast Charger: Charges common Ni-MH rechargeable batteries in 15 minutes
- Power – Solar Charger: Mobile energy for mobile phones etc. - independent for any socket and environmentally friendly

| Type   | Voltage (V) | Plug | Equipped with                                    | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit   | EAN / GTIN (40 08496) | Consumer unit | Min. pieces/shipping unit | Mastercarton | Charging time                                | Shutdown function | Trickle charging | Chargeable sizes | Technologies | Single slot charging | Power supply (internal – external) |
|--|-------------|------|--|------------|-------------|------------|------------|---------------------------|-----------------------|---------------|---------------------------|--------------|--|-------------------|------------------|------------------|--------------|----------------------|------------------------------------|
| Power – LCD Plug Charger (incl. 4 x AA 2100 mAh)*                      | 100-240     | EURO | 4x AA 56706* 2100 mAh                            | 100        | 195         | 73         | 270        | 57670 101 451 ... 68058 0 | 1                     | 4             | 4                         | 4h           | Timer, Minus Delta V                         | –                 | 2-4 AA / AAA     | Ni-MH            | –            | Internal             |                                    |
| Power – LCD Charger (incl. 4 x AA 2400 mAh + 12V Adapter + USB cable)* | 100-240     | EURO | 4 x AA 56756* 2400 mAh + 12V Adapter + USB cable | 120        | 230         | 93         | 363        | 57070 201 441 ... 64032 4 | 1                     | 2             | 2                         | 2h           | Timer, Minus Delta V, Control of temperature | Yes               | 2-4 AA / AAA     | Ni-MH            | –            | External             |                                    |
| Power – LCD Charger (incl. 4 x AA 2500 mAh + 12V Adapter + USB cable)* | 100-240     | EURO | 4 x AA 56776* 2500 mAh + 12V Adapter + USB cable | 120        | 230         | 93         | 379        | 57070 201 451 ... 64132 1 | 1                     | 2             | 2                         | 2h           | Timer, Minus Delta V, Control of temperature | Yes               | 2-4 AA / AAA     | Ni-MH            | –            | External             |                                    |
| Power – LCD Charger (incl. 4 x AA 2300 mAh + 12V Adapter + USB cable)* | 100-240     | EURO | 4 x AA 56726* 2300 mAh + 12V Adapter + USB cable | 120        | 230         | 93         | 363        | 57070 201 461 ... 67487 9 | 1                     | 2             | 2                         | 2h           | Timer, Minus Delta V, Control of temperature | Yes               | 2-4 AA / AAA     | Ni-MH            | –            | External             |                                    |

\* with Ready 2 Use Technology

| Type  | Voltage (V) | Plug             | Equipped with                       | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit   | EAN / GTIN (40 08496) | Consumer unit | Min. pieces/shipping unit | Mastercarton     | Charging time                                | Shutdown function | Trickle charging | Chargeable sizes | Technologies | Single slot charging | Power supply (internal – external) |
|---|-------------|------------------|-------------------------------------|------------|-------------|------------|------------|---------------------------|-----------------------|---------------|---------------------------|------------------|--|-------------------|------------------|------------------|--------------|----------------------|------------------------------------|
| Power – Traveller (incl. 2 x AA 2100 mAh)*                                  | 100-240     | EURO             | 2 x AA 2100 mAh 56706*              | 100        | 230         | 58         | 181        | 57069 101 421 ... 64035 5 | 1                     | 4             | 4                         | 6h               | Timer, Minus Delta V                         | Yes               | 1-2 AAA / AA     | Ni-MH            | Yes          | Internal             |                                    |
| Power – 15 minute Ultra Fast Charger (incl. 4 x AA 2400 mAh + 12V Adapter)* | 100-240     | EURO             | 4 x AA 56756 2500 mAh + 12V Adapter | 180        | 265         | 110        | 766        | 57075 201 441 ... 59448 1 | 1                     | 2             | 2                         | 15 min.          | Timer, Minus Delta V, Control of temperature | Yes               | 1-4 AAA / AA     | Ni-MH            | Yes          | External             |                                    |
| Power – Solar Charger (incl. 2 x AA 2100 mAh + Adapter)*                    | 5V          | USB & 6 Adapters | 2 x AA 2100 mAh 56706*              | 120        | 230         | 73         | 263        | 57082 101 421 ... 65895 4 | 1                     | 2             | 2                         | AA-15h Mobile-2h | –  | –                 | 2 AA             | Ni-MH            | No           | USB-In & Out         |                                    |

\* with Ready 2 Use Technology

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

PRODUCT FEATURES | CHARGERS



|  | MINI      | POCKET    | MICRO USB | PLUG              | UNIVERSAL         | LCD-PLUG                             | LCD                                  | TRAVELLER         | 15 MIN. ULTRA FAST                   | SOLAR                  | PROFESSIONAL USB                     | V-MAN HOME                       | V-MAN                  | V-MAN PLUG             | V-MAN ZERO             |
|--|-----------|-----------|-----------|-------------------|-------------------|--------------------------------------|--------------------------------------|-------------------|--------------------------------------|------------------------|--------------------------------------|----------------------------------|------------------------|------------------------|------------------------|
| VARTA Type                                     | 57666     | 57662     | 57650     | 57667             | 57668             | 57670                                | 57070                                | 57069             | 57075                                | 57082                  | 57048                                | 57900                            | 57058                  | 57057                  | 57915                  |
| Plug Charger                                   | •         | •         |           | •                 | •                 | •                                    |                                      | •                 |                                      |                        |                                      |                                  |                        | •                      |                        |
| Charging time accus                            | 15h       | 7h        | 5-20h     | 5h                | 5h                | 4h                                   | 2h                                   | 6h                | 15 min.                              | ~ 15h                  | 1.5h                                 | 10-15h                           | 1-3h                   |                        |                        |
| Charging time devices                          |           |           |           |                   |                   |                                      |                                      |                   |                                      | ~ 2h                   |                                      | 1-2h                             | 1-2h                   | 1-2h                   | 2-3h                   |
| LED (indication of charging status)            | •         | •         | •         | •                 | •                 | Display                              | Display                              | •                 | •                                    | •                      | •                                    | •                                | •                      | •                      | •                      |
| Battery size                                   | AA, AAA   | AA, AAA   | AA, AAA   | AA, AAA           | AA, AAA, C, D, 9V | AA, AAA                              | AA, AAA                              | AA, AAA           | AA, AAA                              | AA                     | AA, AAA                              | AA, AAA                          |                        |                        |                        |
| Charging channels                              | 2         | 4         | 4         | 4                 | 4                 | 4                                    | 4                                    | 2                 | 4                                    | 2                      | 4                                    | 2                                | 1                      |                        |                        |
| Timer cut-off                                  |           | Timer     |           | Timer             | Timer             | Timer & -dV & control of temperature | Timer & -dV & control of temperature | Timer & -dV       | Timer & -dV & control of temperature |                        | Timer & -dV & control of temperature | Timer                            |                        |                        |                        |
| Charging                                       | Pairwise  | Pairwise  | Pairwise  | Pairwise          | Pairwise          | Pairwise                             | Pairwise                             | Single slot       | Single slot                          | Pairwise               | Single slot                          | Single slot                      |                        |                        |                        |
| Trickle charging                               |           |           |           |                   |                   |                                      | •                                    | •                 | •                                    |                        | •                                    |                                  |                        |                        |                        |
| Voltage  | EU (230V) | EU (230V) | USB (5V)  | Global (100-240V) | Global (100-240V) | Global (100-240V)                    | Global (100-240V)                    | Global (100-240V) | Global (100-240V)                    | USB (5V)               | Global (100-240V)                    | Global (100-240V)                | USB (5V)               | Global (100-240V)      | USB (5V)               |
| Bad cell / Alkaline / Wrong polarity detection |           |           |           |                   |                   | •                                    | •                                    | •                 | •                                    |                        | •                                    |                                  |                        |                        |                        |
| USB - In & Out                                 |           |           | USB-In    |                   |                   |                                      | USB - In                             |                   |                                      | USB - In & Out         | USB - In & Out                       | USB Out                          | USB - In & Out         | USB Out                | USB - In & Out         |
| Accessories                                    |           |           | (5V) USB  |                   |                   |                                      | (5V) USB & 12V Adapter               |                   | 12V Adapter                          | (5V) USB & Adapter set | (5V) USB-cable                       | 8 Adapter & Storage for Adapters | (5V) USB & Adapter set | (5V) USB & Adapter set | (5V) USB & Adapter set |
| Details  | P. 22     | P. 22     | P. 23     | P. 23             | P. 23             | P. 24                                | P. 24                                | P. 25             | P. 25                                | P. 21                  | P. 25                                | P. 31                            | P. 30                  | P. 30                  | P. 30                  |

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



# VARTA PROFESSIONAL

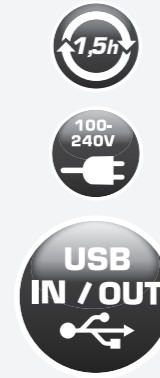
A Premium Assortment with amazing depth and breadth.

In this **premium range**, VARTA brings together all powerful energy solutions that are used in digital and mobile high-tech applications. Only solutions that are suited to meet highest quality and performance demands in the areas of modern life are included in the **VARTA Professional range**.

Starting from our competence in the photo/video area, successively paramount energy solutions in the areas of digital telephony, medical applications and digital office communications, as well as for demanding personal needs were developed and brought together to a premium range with amazing breadth and depth. No matter whether consumers are looking for an energy source for their valuable clock, their dictation device or their digital camera: **VARTA Professional is the answer**. The sleek and innovative design effectively underlines the **premium character** and the high quality. The ideal answer for our retail partners when it comes to earning power and range differentiation: a wide **premium segment** that was perfectly developed in design and variety for today's most demanding consumers.



## PROFESSIONAL CHARGERS



USB Charger  
incl. 4 x AA 5716 2500 mAh  
+ USB cable  
5716



The new dimension of charging!

Besides the functions of a traditional charger the VARTA Digital USB Charger offers more. Different than other USB Chargers the VARTA Digital USB Charger can also be used as an emergency power source.

USB-In & USB-Out function:

**POSSIBILITY 1:**  
Charge your batteries in the VARTA Digital USB Charger by using the USB-Port of your Laptop as the power source.

**POSSIBILITY 2:**  
Plug VARTA Digital USB Charger into power outlet and charge your device (MP3-Player, Smartphone, Digital Camera etc.) directly via USB.

**POSSIBILITY 3:**  
Use batteries as a power source to charge your devices (MP3-Player, Smartphone, Digital Camera etc.) directly from the VARTA Digital USB Charger.

| Type   | Voltage (V) | Plug | Equipped with         | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No.                | EAN / GTIN (40 08486 ...) | Consumer unit | Min. pieces/shipment unit | Master carton | Charging time | Shutdown function                         | Trickle charging | Technologies | Chargeable sizes | Power supply |
|--|-------------|------|-----------------------|------------|-------------|------------|------------|--------------------------|---------------------------|---------------|---------------------------|---------------|---------------|---|------------------|--------------|------------------|--------------|
| Professional - USB Charger (incl. 4 x AA 2500mAh + USB Adapter)* | 100-240V    | EURO | 4 x AA 5716* 2500 mAh | 120        | 230         | 85         | 374        | 57048 201 441 ...67318 6 | 1 2 2 2                   | 1             | 2                         | 2             | 1.5h          | Minus Delta V, Timer, Temperature control | Yes              | Ni-MH        | 1-4 AA / 1-4 AAA | External     |

\* with Ready 2 Use Technology

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

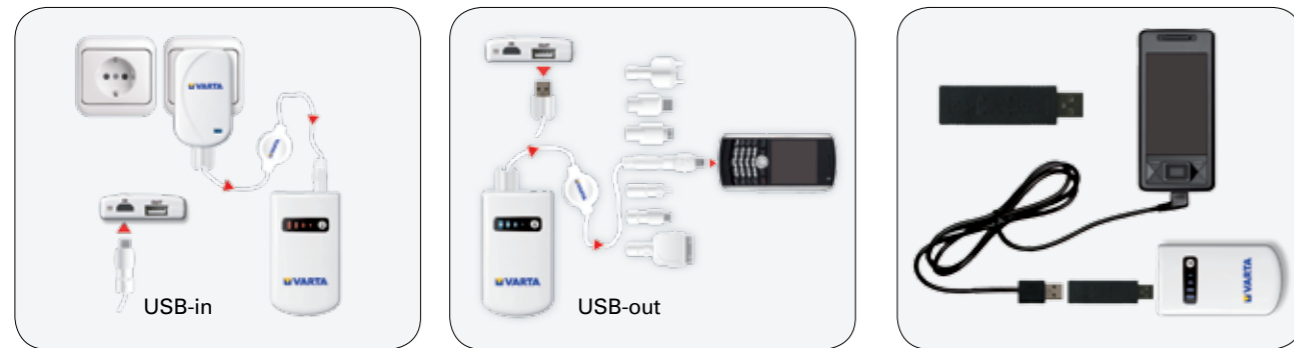
FLASHLIGHTS

DISPLAY SYSTEMS

PROFESSIONAL V-MAN



- The perfect mobile solution: Charge your mobile phone, GPS (Sat Nav) or MP3-Player anywhere anytime
- Powerful: With a charged V-MAN Power Pack you can recharge your mobile phone (cell) twice or your MP3-Player up to 10 times
- Reliable: The check button activates the power indicator which indicates the battery status
- Fast: Due to Li-Ion technology the charge time for each device is only 1-2 hours
- Flexible: With both USB-In & USB-Out functionality and a wide range of adapters this product provides power for nearly 100% of products on the market
- V-MAN Plug Set: Universal USB-Adapter, garnished with the three most important adapters



Connect the Professional V-MAN Plug with the wall socket or alternatively connect the V-MAN directly into the USB outlet of a PC or Laptop computer to charge it.

Connect the USB-extension-cord with the USB-Out port of the V-MAN and use the right adapter for charging your mobile device. As soon as the device is connected the charging process begins.

Some devices like MP3-Players need a special adapter to simulate a data communication on the USB port. This is included in the V-MAN package.

| Type                                | Voltage (V) | Connector           | Equipped with | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN / GTIN (40 08496 ...) | Quantity for customer | Smallest shipping unit | Mastercarton | Charging time (V-Man) | Charging time (external devices) | Cut off criteria | Trickle charge | Technology       | Chargeable devices | Power supply |
|-------------------------------------|-------------|---------------------|---------------|------------|-------------|------------|------------|--------------------------|---------------------------|-----------------------|------------------------|--------------|-----------------------|----------------------------------|------------------|----------------|------------------|--------------------|--------------|
| Professional V-MAN Power Pack 57058 | 100 - 240V  | EURO plus 8 Adapter | USB cable     | 150        | 230         | 65         | 389        | 57058 101 111 ...66192 3 | 1                         | 2                     | 2                      | 3-5h         | 1-2h                  | -                                | -                | -              | Li-Ion           | mobile devices     | External     |
| Professional V-MAN Plug Set 57057   | 100 - 240V  | EURO plus 3 Adapter | USB cable     | 100        | 230         | 68         | 125        | 57057 201 401 ...68055 9 | 1                         | 4                     | 4                      | -            | 1-2h                  | -                                | -                | -              | 100-240V AC SMPS | mobile devices     | 5V / 1A      |
| Professional V-MAN Zero 57915       | 5V          | 3 Adapter           | USB cable     | 100        | 230         | 33         | 111        | 57915 101 401 ...67962 1 | 1                         | 4                     | 4                      | 3-5h         | 1-2h                  | -                                | -                | -              | Li-Ion           | mobile devices     | External     |

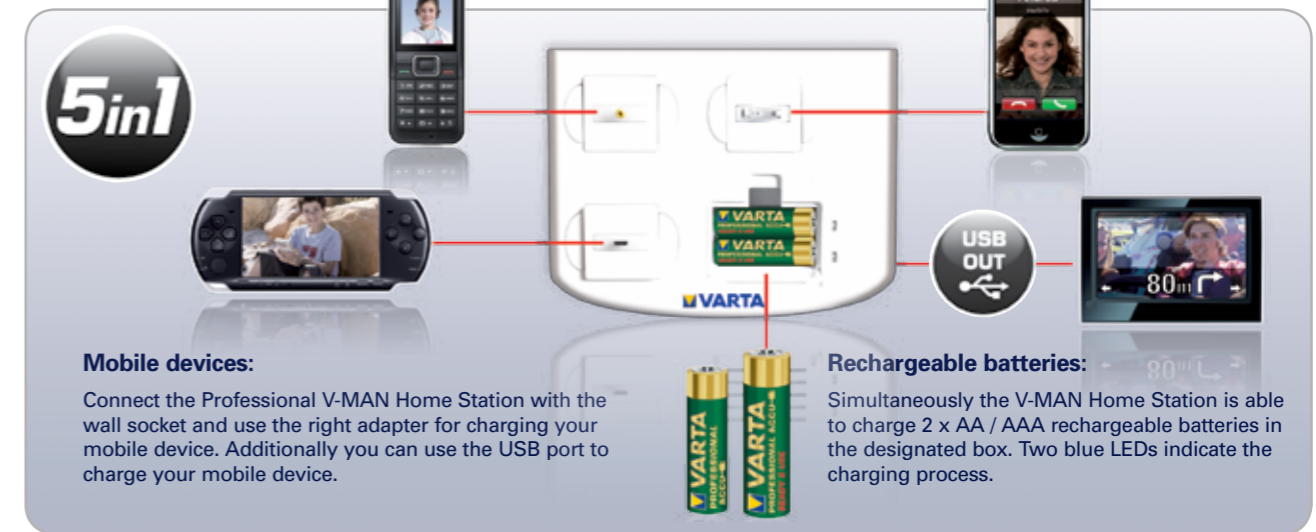
PROFESSIONAL V-MAN HOME STATION



- This unique universal home charging station is able to charge up to 4 mobile devices plus 2 x AA / AAA rechargeable batteries simultaneously.
- 90° freely rotatable adapters
- Equipped with an additional USB output
- Compatible with main mobile devices in the market
- Removable tray for adapters which are not in use
- Energy saving through on/off switch
- Worldwide use possible (100-240V)



Adapters are compatible with:  
Samsung, Sony Ericsson, Nokia, LG, Micro USB, Mini USB, Sony PSP, Apple



Mobile devices:

Connect the Professional V-MAN Home Station with the wall socket and use the right adapter for charging your mobile device. Additionally you can use the USB port to charge your mobile device.

Rechargeable batteries:

Simultaneously the V-MAN Home Station is able to charge 2 x AA / AAA rechargeable batteries in the designated box. Two blue LEDs indicate the charging process.

| Type  | Voltage (V) | Plug                | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./ consumer unit | EAN / GTIN (40 08496 ...) | Quantity for customer | Smallest shipping unit | Mastercarton | Charging time (rechargeable batteries) | Charging time (external devices) | Cut off criteria | Trickle charge | Technology   | Chargeable Devices/sizes  | Power supply |
|---|-------------|---------------------|------------|-------------|------------|------------|--------------------------|---------------------------|-----------------------|------------------------|--------------|--|----------------------------------|------------------|----------------|--------------|---------------------------|--------------|
| Professional V-MAN Home Station Charger 57900 101 111 | 110 - 240V  | EURO plus 8 Adapter | 190        | 255         | 105        | 856        | 57900 101 111 ...67505 0 | 1                         | 2                     | 2                      | 2            | 10-15h                                 | 1-2h                             | Timer            | -              | Ni-MH Li-Ion | Mobile devices 2AA / 2AAA | External     |

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



PROFESSIONAL PHONE POWER | CELLS  
BLISTER



T 398  
Micro



T 399  
Mignon



T 398  
Micro



T 399  
Mignon

- Premium quality for analog and digital cordless telephones
- Rechargeable without memory effect

| Type  | Voltage (V) | Electrochemical system | Typical capacity (mAh) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC        | Others |
|-------|-------------|------------------------|------------------------|-------------|------------|---------------|------------|------------|--------|
| T 398 | 1.2         | Ni-MH                  | 700                    | 44.5        | 10.5       | 12.0          | HR 03      | Micro, AAA |        |
| T 399 | 1.2         | Ni-MH                  | 1600                   | 50.5        | 14.5       | 25.0          | HR 6       | Mignon, AA |        |

| Type  | Batteries/Consumer unit | Typical capacity (mAh) | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit | EAN / GTIN       | Minimum pieces/shipment unit | Innercarton | Mastercarton |
|-------|-------------------------|------------------------|------------|-------------|------------|------------|-------------------------|------------------|------------------------------|-------------|--------------|
| T 398 | 2                       | 700                    | 80         | 120         | 12         | 28         | 58398 101 402           | 40 08496 33086 7 | 10                           | 10          | 50           |
| T 399 | 2                       | 1600                   | 80         | 120         | 16         | 54         | 58399 201 402           | 40 08496 33090 4 | 10                           | 10          | 100          |

PROFESSIONAL LITHIUM | CELLS  
BLISTER



6103



6106



6103



6103



6106



6106

- The perfect choice for high-end products like digital cameras, navigation system and much more
- Lasts up to eight times longer in digital cameras than usual Alkaline
- Perfect solution for high drain devices such as digital cameras, portable audio players and handheld games
- Up to 38% reduced weight in comparison to Alkaline
- Works outstandingly at extreme temperatures
- Can be stored up to 10 years without leakage

| Type | Voltage (V) | Electrochemical System | Typical capacity (mAh) | Width (mm) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC | Others |
|------|-------------|------------------------|------------------------|------------|-------------|------------|---------------|------------|-----|--------|
| 6103 | 1.5         | Lithium                | 1100                   | 44.5       | 10.5        | 7.7        | Micro, AAA    |            |     |        |
| 6106 | 1.5         | Lithium                | 2900                   | 50.5       | 14.5        | 14.5       | Mignon, AA    |            |     |        |

| Type | Batteries/Consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./Consumer unit | EAN / GTIN       | Minimum pieces/shipment | Innercarton | Mastercarton |
|------|-------------------------|------------|-------------|------------|------------|-------------------------|------------------|-------------------------|-------------|--------------|
| 6103 | 2                       | 80         | 120         | 12         | 20         | 06103 301 402           | 40 08496 68039 9 | 10                      | 10          | 50           |
| 6103 | 4                       | 80         | 120         | 12         | 35         | 06103 301 404           | 40 08496 68043 6 | 10                      | 10          | 50           |
| 6106 | 2                       | 80         | 120         | 16         | 33         | 06106 301 402           | 40 08496 68047 4 | 10                      | 10          | 100          |
| 6106 | 4                       | 80         | 120         | 16         | 62         | 06106 301 404           | 40 08496 68051 1 | 10                      | 10          | 100          |

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

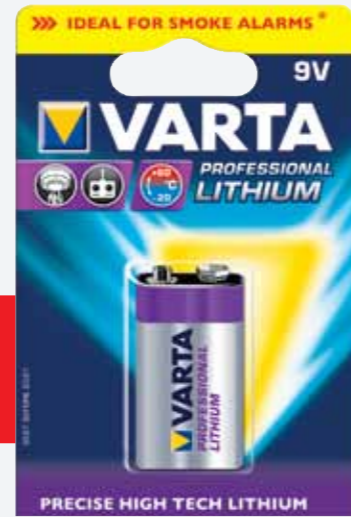
DISPLAY SYSTEMS

PROFESSIONAL LITHIUM | CELL BLISTER



6122

**+40%**  
MORE PERFORMANCE  
THAN COMPARABLE BATTERIES  
FROM COMPETITORS\*



6122

- The first choice for smoke detectors
- The VARTA 9V lithium battery contains no mercury, lead or cadmium
- Last up to 5 times longer than usual 9V alkaline and 10 times longer than carbon-zinc batteries
- Works outstandingly at extreme temperatures from -20°C up to +60°C
- Can be stored up to 10 years without leakage

| Type  | Voltage (V) | Electrochemical System | Typical capacity (mAh) | Width (mm) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | Others  |
|-------|-------------|------------------------|------------------------|------------|-------------|------------|---------------|------------|---------|
| 06122 | 9V          | Lithium                | 1200                   | 26.5       | 49.2        | 17.5       | -             | 36.4       | E-Block |

| Type  | Batteries/Consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./Consumer unit | EAN / GTIN       | Minimum pieces/shipment | Innercarton | Mastercarton |
|-------|-------------------------|------------|-------------|------------|------------|-------------------------|------------------|-------------------------|-------------|--------------|
| 06122 | 1                       | 80         | 120         | 19         | 41         | 06122 301 401           | 40 08496 67526 5 | 10                      | 10          | 50           |

Due to increasing demand for fire prevention, there will be a need for extremely long performing batteries in the future.

The main reasons why VARTA Professional 9V Lithium will be the best choice for your smoke alarm: Outstanding quality, 10 years shelf life and up to 40% better performance than comparable batteries from competitors.



\* based on average of the 3 tests defined in IEC 60086-2 Edition 2006-12 for Alkaline batteries

PROFESSIONAL LITHIUM | BLISTER



2 CR 5



CR P2



CR 123 A



CR 2



CR V3

- Precise energy for analog and digital cameras: VARTA Professional Lithium Batteries
- Precise energy, perfectly aligned to the different functions of the photo devices
- Higher performance for more photos, more flashes, more mobility and therefore more independence

| Type     | Voltage (V) | Electrochemical system | Typical capacity (mAh) | Width (mm) | Height (mm) | Depth (mm) | Diameter (mm) | Weight (g) | IEC        |
|----------|-------------|------------------------|------------------------|------------|-------------|------------|---------------|------------|------------|
| 2 CR 5   | 6.0         | Lithium                | 1600                   | 17.0       | 45.0        | 34.0       | -             | 42.0       | 2 CR 5     |
| CR P2    | 6.0         | Lithium                | 1600                   | 19.5       | 34.5        | 35.0       | -             | 38.0       | CR P2      |
| CR 123 A | 3.0         | Lithium                | 1600                   | -          | 34.5        | -          | 17.0          | 17.0       | CR 17345   |
| CR 2     | 3.0         | Lithium                | 920                    | -          | 27.0        | -          | 15.6          | 11.0       | CR 15 H270 |
| CR V3    | 3.0         | Lithium                | 3300                   | 14.5       | 52.0        | 29.0       | -             | 38.0       | CR 17355   |

| Type     | Batteries/consumer unit | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit | EAN / GTIN       | Minimum pieces/shipment unit | Innercarton | Mastercarton |
|----------|-------------------------|------------|-------------|------------|------------|-------------------------|------------------|------------------------------|-------------|--------------|
| 2 CR 5   | 1                       | 80         | 120         | 18         | 48         | 06203 301 401           | 40 08496 53720 4 | 10                           | 10          | 100          |
| CR P2    | 1                       | 80         | 120         | 20         | 44         | 06204 301 401           | 40 08496 53724 2 | 10                           | 10          | 100          |
| CR 123 A | 1                       | 80         | 120         | 18         | 23         | 06205 301 401           | 40 08496 53728 0 | 10                           | 10          | 100          |
| CR 123 A | 2                       | 80         | 120         | 18         | 40         | 06205 301 402           | 40 08496 53732 7 | 10                           | 10          | 100          |
| CR 2     | 1                       | 80         | 120         | 18         | 17         | 06206 301 401           | 40 08496 53736 5 | 10                           | 10          | 100          |
| CR 2     | 2                       | 80         | 120         | 18         | 28         | 06206 301 402           | 40 08496 53740 2 | 10                           | 10          | 100          |
| CR V3    | 1                       | 80         | 120         | 16         | 44         | 06207 301 401           | 40 08496 53744 0 | 10                           | 10          | 100          |

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

PROFESSIONAL ELECTRONICS



V 377      V 76 PX      V 10 GA      CR 2032      V 23 GA      V 28 PX      4001



4001      V23GA      CR2032      CR2025      CR2016

- The complete range, consisting of lithium, silver and Alkaline-manganese cells
- Useable in numerous electronic devices, such as car keys, calculators, cameras and remote controls
- Handy and space-saving packages (6.5cm x 5.6cm)

- The most important button cells know available in the practical 2 pack
- Also perfect for mass retail
- More value for money: Twice the amount in each package
- Larger package frightens shoplifters
- New package size and design fit perfect into the battery shelf layout
- Meet the requirements of one stop shoppers

| Type        | Voltage (V) | Electrochemical system | Typical capacity (mAh) | Height (mm) | Diameter (mm) | Weight (g) | Batteries/consumer unit | Order-No./Consumer unit | EAN / GTIN       | Minimum pieces/shipment unit | Mastercarton | IEC                          |
|-------------|-------------|------------------------|------------------------|-------------|---------------|------------|-------------------------|-------------------------|------------------|------------------------------|--------------|------------------------------|
| CR 1216     | 3.0         | Lithium                | 25                     | 1.6         | 12.5          | 0.7        | 1                       | 06216 101 401           | 40 08496 27070 5 | 10                           | 100          | CR 1216                      |
| CR 1220     | 3.0         | Lithium                | 35                     | 2.0         | 12.5          | 0.8        | 1                       | 06220 101 401           | 40 08496 27689 9 | 10                           | 100          | CR 1220                      |
| CR 1225     | 3.0         | Lithium                | 48                     | 2.5         | 12.5          | 0.9        | 1                       | 06225 101 401           | 40 08496 74704 7 | 10                           | 100          | CR 1225 <b>NEW</b> from June |
| CR 1616     | 3.0         | Lithium                | 55                     | 1.6         | 16.0          | 1.2        | 1                       | 06616 101 401           | 40 08496 27098 9 | 10                           | 100          | CR 1616                      |
| CR 1620     | 3.0         | Lithium                | 70                     | 2.0         | 16.0          | 1.2        | 1                       | 06620 101 401           | 40 08496 27693 6 | 10                           | 100          | CR 1620                      |
| CR 1632     | 3.0         | Lithium                | 140                    | 3.2         | 16.0          | 1.8        | 1                       | 06632 101 401           | 40 08496 57623 4 | 10                           | 100          | CR 1632                      |
| CR 2016     | 3.0         | Lithium                | 90                     | 1.6         | 20.0          | 1.8        | 1                       | 06016 101 401           | 40 08496 27663 9 | 10                           | 100          | CR 2016                      |
| CR 2025     | 3.0         | Lithium                | 170                    | 2.5         | 20.0          | 2.5        | 1                       | 06025 101 401           | 40 08496 27687 5 | 10                           | 100          | CR 2025                      |
| CR 2032     | 3.0         | Lithium                | 230                    | 3.2         | 20.0          | 3.0        | 1                       | 06032 101 401           | 40 08496 27688 2 | 10                           | 100          | CR 2032                      |
| CR 2320     | 3.0         | Lithium                | 135                    | 2.0         | 23.0          | 2.9        | 1                       | 06320 101 401           | 40 08496 27083 5 | 10                           | 100          | CR 2320                      |
| CR 2430     | 3.0         | Lithium                | 280                    | 3.0         | 24.5          | 4.0        | 1                       | 06430 101 401           | 40 08496 27692 9 | 10                           | 100          | CR 2430                      |
| CR 2450     | 3.0         | Lithium                | 560                    | 5.0         | 24.5          | 6.2        | 1                       | 06450 101 401           | 40 08496 27097 2 | 10                           | 100          | CR 2450                      |
| CR 2 NP*    | 3.0         | Lithium                | 1400                   | 60          | 11.6          | 13.0       | 1                       | 06202 101 401           | 40 08496 26293 9 | 10                           | 100          | -                            |
| CR 1/3 N    | 3.0         | Lithium                | 170                    | 10.8        | 11.6          | 3.0        | 1                       | 06131 101 401           | 40 08496 27414 7 | 10                           | 100          | -                            |
| V 28 PXL    | 6.0         | Lithium                | 170                    | 25.1        | 13.0          | 8.8        | 1                       | 06231 101 401           | 40 08496 27415 4 | 10                           | 100          | 2 CR 11108                   |
| V 8 GS/391  | 1.55        | Silver                 | 40                     | 2.1         | 11.6          | 0.9        | 1                       | 04173 101 401           | 40 08496 27360 7 | 10                           | 100          | SR 55                        |
| V 10 GA     | 1.5         | Alkaline               | 50                     | 3.05        | 11.6          | 1.1        | 1                       | 04274 101 401           | 40 08496 29763 4 | 10                           | 100          | LR 54                        |
| V 10 GS/389 | 1.55        | Silver                 | 85                     | 3.05        | 11.6          | 1.3        | 1                       | 04174 101 401           | 40 08496 27361 4 | 10                           | 100          | SR 54                        |
| V 11A       | 6.0         | Alkaline               | 38                     | 16.5        | 10.2          | 4.0        | 1                       | 04211 101 401           | 40 08496 15286 5 | 10                           | 100          | - <b>NEW</b> from June       |
| V 12 GA     | 1.5         | Alkaline               | 80                     | 4.2         | 11.6          | 1.35       | 1                       | 04278 101 401           | 40 08496 27367 6 | 10                           | 100          | LR 43                        |
| V 12 GS/386 | 1.55        | Silver                 | 105                    | 4.2         | 11.6          | 1.78       | 1                       | 04178 101 401           | 40 08496 27363 8 | 10                           | 100          | SR 43                        |
| V 13 GA     | 1.5         | Alkaline               | 125                    | 5.4         | 11.6          | 1.8        | 1                       | 04276 101 401           | 40 08496 29764 1 | 10                           | 100          | LR 44                        |
| V 13 GS/357 | 1.55        | Silver                 | 155                    | 5.4         | 11.6          | 2.33       | 1                       | 04176 101 401           | 40 08496 27362 1 | 10                           | 100          | SR 44                        |
| V 23 GA     | 12.0        | Alkaline               | 52                     | 28.5        | 10.3          | 7.7        | 1                       | 04223 101 401           | 40 08496 26162 8 | 10                           | 100          | -                            |
| V 27 A      | 12.0        | Alkaline               | 20                     | 28.2        | 8.0           | 4.4        | 1                       | 04227 101 401           | 40 08496 74700 9 | 10                           | 100          | - <b>NEW</b> from June       |
| V 28 PX     | 6.2         | Silver                 | 145                    | 25.2        | 13.0          | 11.1       | 1                       | 04028 101 401           | 40 08496 27391 1 | 10                           | 100          | 4 SR 44                      |
| V 74 PX     | 15.0        | Alkaline               | 45                     | 35.0        | 16.0          | 14.0       | 1                       | 04074 101 401           | 40 08496 27359 1 | 10                           | 100          | -                            |
| V 76 PX     | 1.55        | Silver                 | 145                    | 5.4         | 11.6          | 2.4        | 1                       | 04075 101 401           | 40 08496 27406 2 | 10                           | 100          | SR 44                        |
| V 362       | 1.55        | Silver                 | 21                     | 2.1         | 7.9           | 0.4        | 1                       | 00362 101 401           | 40 08496 31701 1 | 10                           | 100          | SR 58                        |
| V 364       | 1.55        | Silver                 | 20                     | 2.15        | 6.8           | 0.33       | 1                       | 00364 101 401           | 40 08496 31705 9 | 10                           | 100          | SR 60                        |
| V 371       | 1.55        | Silver                 | 44                     | 2.1         | 9.5           | 0.61       | 1                       | 00371 101 401           | 40 08496 31709 7 | 10                           | 100          | SR 69                        |
| V 377       | 1.55        | Silver                 | 27                     | 2.6         | 6.8           | 0.39       | 1                       | 00377 101 401           | 40 08496 31713 4 | 10                           | 100          | SR 66                        |
| V 379       | 1.55        | Silver                 | 14                     | 2.15        | 5.8           | 0.23       | 1                       | 00379 101 401           | 40 08496 31717 2 | 10                           | 100          | SR 63                        |
| V 390       | 1.55        | Silver                 | 80                     | 3.05        | 11.6          | 1.32       | 1                       | 00390 101 401           | 40 08496 31721 9 | 10                           | 100          | SR 54                        |
| V 392       | 1.55        | Silver                 | 38                     | 3.6         | 7.9           | 0.69       | 1                       | 00392 101 401           | 40 08496 31725 7 | 10                           | 100          | SR 41                        |
| V 395       | 1.55        | Silver                 | 42                     | 2.7         | 9.5           | 0.75       | 1                       | 00395 101 401           | 40 08496 31729 5 | 10                           | 100          | SR 57                        |
| V 625 U     | 1.5         | Alkaline               | 200                    | 6.2         | 16            | 3.3        | 1                       | 04626 101 401           | 40 08496 27368 3 | 10                           | 100          | LR 9                         |
| V 4034      | 6.0         | Alkaline               | 100                    | 25.2        | 13.0          | 10.4       | 1                       | 04034 101 401           | 40 08496 27405 5 | 10                           | 100          | 4 LR 44                      |
| 4001        | 1.5         | Alkaline               | 880                    | 30.2        | 12            | 10         | 1                       | 04001 101 401           | 40 08496 12813 6 | 10                           | 100          | LR 1                         |

\*Standardblister

| Type    | Voltage (V) | Electrochemical system | Typical capacity (mAh) | Height (mm) | Diameter (mm) | Weight (g) | Batteries/consumer unit | Order-No./Consumer unit | EAN / GTIN       | Minimum pieces/shipment unit | Mastercarton | IEC     |
|---------|-------------|------------------------|------------------------|-------------|---------------|------------|-------------------------|-------------------------|------------------|------------------------------|--------------|---------|
| 4001    | 1.5         | Alkaline               | 880                    | 30.2        | 12            | 10         | 2                       | 04001 101 402           | 40 08496 12813 6 | 10                           | 100          | LR 1    |
| V 23 GA | 12.0        | Alkaline               | 52                     | 28.5        | 10.3          | 7.7        | 2                       | 04223 101 402           | 40 08496 26162 8 | 10                           | 100          | -       |
| V 13 GA | 1.5         | Alkaline               | 125                    | 5.4         | 11.6          | 1.8        | 2                       | 04276 101 402           | 40 08496 29764 1 | 10                           | 100          | LR 44   |
| CR 2032 | 3.0         | Lithium                | 230                    | 3.2         | 20.0          | 3.0        | 2                       | 06032 101 402           | 40 08496 27688 2 | 10                           | 100          | CR 2032 |
| CR 2025 | 3.0         | Lithium                | 170                    | 2.5         | 20.0          | 2.5        | 2                       | 06025 101 402           | 40 08496 27687 5 | 10                           | 100          | CR 2025 |
| CR 2016 | 3.0         | Lithium                | 90                     | 1.6         | 20.0          | 1.8        | 2                       | 06016 101 402           | 40 08496 27663 9 | 10                           | 100          | CR 2016 |
| CR 2430 | 3.0         | Lithium                | 280                    | 3.0         | 24.5          | 4.0        | 2                       | 06430 101 402           | 40 08496 27692 9 | 10                           | 100          | CR 2430 |
| CR 2450 | 3.0         | Lithium                | 560                    | 5.0         | 24.5          | 6.2        | 2                       | 06450 101 402           | 40 08496 27097 2 | 10                           | 100          | CR 2450 |

GENERAL PURPOSE

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BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



# BUTTON CELLS

An excellent quality assortment.

VARTA convinces in this special segment with an excellent quality assortment.

The most widely distributed range in the world\* **Rayovac Acoustic Special** dominates with an excellent market position. The **patented technology**, the high endurance performance and consumer friendly packaging results in high acceptance among consumers and professionals.

**New:** mercury - free and corrosion resistant shell for more performance and improved conductivity.

Essential for all who work with watch: the complete **VARTA watch cells range**. A patented technology with high endurance performance and wide distribution on the market

\* Source: independant market research institute

## WATCH CELLS



- Covers the complete range of button cells for all kinds of watches
- Products distinguished by high quality and reliability
- Packed in the proven j-pack; optimised for the battery replacement in workshops

| Type   | Voltage (V) | Electrochemical system | Typical capacity (mAh) | Height (mm) | Diameter (mm) | Weight (g) | Order No. Consumer unit | EAN/GTIN Consumer unit | Minimum pieces/shipment unit | Innercarton | Mastercarton | IEC   |
|--------|-------------|------------------------|------------------------|-------------|---------------|------------|-------------------------|------------------------|------------------------------|-------------|--------------|-------|
| V 301  | 1.55        | Silver                 | 115                    | 4.2         | 11.6          | 1.78       | 00301 101 111           | 40 08496 24536 9       | 10                           | 100         | 1000         | SR 43 |
| V 303  | 1.55        | Silver                 | 160                    | 5.4         | 11.6          | 2.33       | 00303 101 111           | 40 08496 24542 0       | 10                           | 100         | 1000         | SR 44 |
| V 309  | 1.55        | Silver                 | 70                     | 5.4         | 7.9           | 1.08       | 00309 101 111           | 40 08496 24545 1       | 10                           | 100         | 1000         | SR 48 |
| V 315  | 1.55        | Silver                 | 20                     | 1.5         | 7.9           | 0.4        | 00315 101 111           | 40 08496 24555 0       | 10                           | 100         | 1000         | SR 67 |
| V 317  | 1.55        | Silver                 | 8                      | 1.6         | 5.8           | 0.18       | 00317 101 111           | 40 08496 24561 1       | 10                           | 100         | 1000         | SR 62 |
| V 319  | 1.55        | Silver                 | 16                     | 2.66        | 5.8           | 0.25       | 00319 101 111           | 40 08496 24562 8       | 10                           | 100         | 1000         | SR 64 |
| V 321  | 1.55        | Silver                 | 13                     | 1.65        | 6.8           | 0.25       | 00321 101 111           | 40 08496 24585 7       | 10                           | 100         | 1000         | SR 65 |
| V 329  | 1.55        | Silver                 | 36                     | 3.1         | 7.9           | 0.6        | 00329 101 111           | 40 08496 24586 4       | 10                           | 100         | 1000         | -     |
| V 335  | 1.55        | Silver                 | 5                      | 1.25        | 5.8           | 0.15       | 00335 101 111           | 40 08496 10146 7       | 10                           | 100         | 1000         | -     |
| V 337  | 1.55        | Silver                 | 8.3                    | 1.65        | 4.8           | 0.13       | 00337 101 111           | 40 08496 36211 0       | 10                           | 100         | 1000         | -     |
| V 339  | 1.55        | Silver                 | 11                     | 1.4         | 6.8           | 0.22       | 00339 101 111           | 40 08496 24587 1       | 10                           | 100         | 1000         | -     |
| V 341  | 1.55        | Silver                 | 11                     | 1.4         | 7.9           | 0.27       | 00341 101 111           | 40 08496 24588 8       | 10                           | 100         | 1000         | -     |
| V 344  | 1.55        | Silver                 | 100                    | 3.6         | 11.6          | 1.50       | 00344 101 111           | 40 08496 24590 1       | 10                           | 100         | 1000         | SR 42 |
| V 346  | 1.55        | Silver                 | 10                     | 1.29        | 7.9           | 0.3        | 00346 101 111           | 40 08496 10148 1       | 10                           | 100         | 1000         | -     |
| V 350* | 1.55        | Silver                 | 100                    | 3.6         | 11.6          | 1.50       | 00350 101 111           | 40 08496 24569 7       | 10                           | 100         | 1000         | SR 42 |
| V 357* | 1.55        | Silver                 | 145                    | 5.4         | 11.6          | 2.33       | 00357 101 111           | 40 08496 24571 0       | 10                           | 100         | 1000         | SR 44 |
| V 361* | 1.55        | Silver                 | 18                     | 2.1         | 7.9           | 0.4        | 00361 101 111           | 40 08496 26169 7       | 10                           | 100         | 1000         | SR 58 |
| V 362  | 1.55        | Silver                 | 21                     | 2.1         | 7.9           | 0.4        | 00362 101 111           | 40 08496 24572 7       | 10                           | 100         | 1000         | SR 58 |
| V 364  | 1.55        | Silver                 | 20                     | 2.15        | 6.8           | 0.33       | 00364 101 111           | 40 08496 24573 4       | 10                           | 100         | 1000         | SR 60 |
| V 370* | 1.55        | Silver                 | 30                     | 2.1         | 9.5           | 0.6        | 00370 101 111           | 40 08496 26171 0       | 10                           | 100         | 1000         | SR 69 |
| V 371  | 1.55        | Silver                 | 44                     | 2.1         | 9.5           | 0.61       | 00371 101 111           | 40 08496 24591 8       | 10                           | 100         | 1000         | SR 69 |
| V 373  | 1.55        | Silver                 | 23                     | 1.6         | 9.5           | 0.5        | 00373 101 111           | 40 08496 24592 5       | 10                           | 100         | 1000         | SR 68 |
| V 377  | 1.55        | Silver                 | 27                     | 2.6         | 6.8           | 0.39       | 00377 101 111           | 40 08496 24593 2       | 10                           | 100         | 1000         | SR 66 |
| V 379  | 1.55        | Silver                 | 14                     | 2.15        | 5.8           | 0.23       | 00379 101 111           | 40 08496 24594 9       | 10                           | 100         | 1000         | SR 63 |
| V 381  | 1.55        | Silver                 | 45                     | 2.1         | 11.6          | 0.9        | 00381 101 111           | 40 08496 24595 6       | 10                           | 100         | 1000         | SR 55 |
| V 384  | 1.55        | Silver                 | 38                     | 3.6         | 7.9           | 0.69       | 00384 101 111           | 40 08496 24564 2       | 10                           | 100         | 1000         | SR 41 |
| V 386* | 1.55        | Silver                 | 115                    | 4.2         | 11.6          | 1.78       | 00386 101 111           | 40 08496 24565 9       | 10                           | 100         | 1000         | SR 43 |
| V 389* | 1.55        | Silver                 | 85                     | 3.05        | 11.6          | 1.31       | 00389 101 111           | 40 08496 24567 3       | 10                           | 100         | 1000         | SR 54 |
| V 390  | 1.55        | Silver                 | 80                     | 3.05        | 11.6          | 1.32       | 00390 101 111           | 40 08496 24568 0       | 10                           | 100         | 1000         | SR 54 |
| V 391* | 1.55        | Silver                 | 40                     | 2.1         | 11.6          | 0.9        | 00391 101 111           | 40 08496 24578 9       | 10                           | 100         | 1000         | SR 55 |
| V 392* | 1.55        | Silver                 | 38                     | 3.6         | 7.9           | 0.69       | 00392 101 111           | 40 08496 24579 6       | 10                           | 100         | 1000         | SR 41 |
| V 393* | 1.55        | Silver                 | 65                     | 5.4         | 7.9           | 1.08       | 00393 101 111           | 40 08496 24581 9       | 10                           | 100         | 1000         | SR 48 |
| V 394  | 1.55        | Silver                 | 67                     | 3.6         | 9.5           | 1.04       | 00394 101 111           | 40 08496 24582 6       | 10                           | 100         | 1000         | SR 45 |
| V 395  | 1.55        | Silver                 | 42                     | 2.7         | 9.5           | 0.75       | 00395 101 111           | 40 08496 24583 3       | 10                           | 100         | 1000         | SR 57 |
| V 396* | 1.55        | Silver                 | 25                     | 2.6         | 7.9           | 0.55       | 00396 101 111           | 40 08496 24574 1       | 10                           | 100         | 1000         | SR 59 |
| V 397  | 1.55        | Silver                 | 30                     | 2.6         | 7.9           | 0.5        | 00397 101 111           | 40 08496 24576 5       | 10                           | 100         | 1000         | SR 59 |
| V 399* | 1.55        | Silver                 | 42                     | 2.7         | 9.5           | 0.75       | 00399 101 111           | 40 08496 24577 2       | 10                           | 100         | 1000         | SR 57 |

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GENERAL PURPOSE

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FLASHLIGHTS

DISPLAY SYSTEMS

WATCH CELLS REFERENCE LIST



ELECTRONICS REFERENCE LIST



| VARTA BUTTON CELLS |               |             |                        |               |             | Other References |         |          |               |                                  |                                 |          |       |       |
|--------------------|---------------|-------------|------------------------|---------------|-------------|------------------|---------|----------|---------------|----------------------------------|---------------------------------|----------|-------|-------|
| Type               | Order No.     | Voltage (V) | Electrochemical system | Diameter (mm) | Height (mm) | Bulova           | Citizen | Duracell | GP Sylva Cell | Panasonic, Maxell, Sony, Toshiba | Rayovac, Renata, Energizer/Ucar | Seiko    | Timex | IEC   |
| V 74 PX            | 04074 101 401 | 15.0        | Alkaline               | 16.0          | 35.0        | -                | -       | MN 154   | 220 A         | -                                | 504                             | -        | -     | -     |
| V 301              | 00301 101 111 | 1.55        | Silver                 | 11.6          | 4.2         | 226              | 280-01  | D 301    | 301           | SR 43 SW                         | 301                             | SB-AB    | D     | SR 43 |
| V 303              | 00303 101 111 | 1.55        | Silver                 | 11.6          | 5.4         | -                | 280-08  | -        | 303           | SR 44 SW                         | 303                             | SB-AB    | A     | SR 44 |
| V 309              | 00309 101 111 | 1.55        | Silver                 | 7.9           | 5.4         | -                | -       | -        | -             | SR 754 SW                        | 309                             | -        | -     | SR 48 |
| V 315              | 00315 101 111 | 1.55        | Silver                 | 7.9           | 1.6         | 614              | 280-56  | -        | 315           | SR 716 SW                        | 315                             | SB-AT    | HA    | SR 67 |
| V 317              | 00317 101 111 | 1.55        | Silver                 | 5.8           | 1.65        | 616              | 280-58  | -        | 317           | SR 516 SW                        | 317                             | SB-AT    | CA    | SR 62 |
| V 319              | 00319 101 111 | 1.55        | Silver                 | 5.8           | 2.7         | 615              | 280-60  | -        | 319           | SR 527 SW                        | 319                             | SB-AE/DE | -     | SR 64 |
| V 321              | 00321 101 111 | 1.55        | Silver                 | 6.8           | 1.65        | 611              | 280-73  | D 321    | 321           | SR 616 SW                        | 321                             | SB-AE/DF | DA    | SR 65 |
| V 329              | 00329 101 111 | 1.55        | Silver                 | 7.9           | 3.1         | -                | -       | D 329    | 329           | SR 731 SW                        | 329                             | -        | -     | -     |
| V 335              | 00335 101 111 | 1.55        | Silver                 | 5.8           | 1.25        | 622              | 280-68  | -        | -             | SR 512 SW                        | 335                             | SB-AB    | -     | -     |
| V 337              | 00337 101 111 | 1.55        | Silver                 | 4.8           | 1.6         | -                | -       | -        | -             | SR 416 SW                        | 337                             | -        | -     | -     |
| V 339              | 00339 101 111 | 1.55        | Silver                 | 6.8           | 1.4         | -                | -       | -        | -             | SR 614 SW                        | 339                             | -        | -     | -     |
| V 341              | 00341 101 111 | 1.55        | Silver                 | 7.9           | 1.4         | 627              | -       | -        | -             | SR 714 SW                        | 341                             | -        | -     | -     |
| V 344              | 00344 101 111 | 1.55        | Silver                 | 11.6          | 3.6         | 242              | -       | -        | -             | SR 1136 SW                       | 344                             | -        | -     | SR 42 |
| V 346              | 00346 101 111 | 1.55        | Silver                 | 7.9           | 1.29        | 628              | 280-66  | -        | -             | SR 712 SW                        | 346                             | SB-DH    | -     | -     |
| V 350*             | 00350 101 111 | 1.55        | Silver                 | 11.6          | 3.6         | 604              | 280-19  | D 350    | -             | -                                | 350                             | -        | -     | SR 42 |
| V 357*             | 00357 101 111 | 1.55        | Silver                 | 11.6          | 5.4         | 228              | 280-62  | D 357 H  | 357           | SR 44 W                          | 357                             | SB-B9    | J     | SR 44 |
| V 361*             | 00361 101 111 | 1.55        | Silver                 | 7.9           | 2.1         | -                | 280-23  | -        | -             | SR 721 W                         | 361                             | SB-BK/EK | X     | SR 58 |
| V 362              | 00362 101 111 | 1.55        | Silver                 | 7.9           | 2.1         | 601              | 280-29  | D 362    | 362           | SR 721 SW                        | 362                             | SB-DK/AK | S     | SR 58 |
| V 364              | 00364 101 111 | 1.55        | Silver                 | 6.8           | 2.15        | 602              | 280-34  | D 364    | 364           | SR 621 SW                        | 364                             | SB-AG/DG | T     | SR 60 |
| V 370              | 00370 101 111 | 1.55        | Silver                 | 9.5           | 2.1         | 620              | 280-51  | -        | 370           | SR 920 W                         | 370                             | SB-BN    | Z     | SR 69 |
| V 371              | 00371 101 111 | 1.55        | Silver                 | 9.5           | 2.1         | 605              | 280-31  | D 371    | 371           | SR 920 SW                        | 371                             | SB-AN    | -     | SR 69 |
| V 373              | 00373 101 111 | 1.55        | Silver                 | 9.5           | 1.6         | 617              | 280-45  | D 373    | 373           | SR 916 SW                        | 373                             | SB-AJ/DJ | WA    | SR 68 |
| V 377              | 00377 101 111 | 1.55        | Silver                 | 6.8           | 2.6         | 606              | 280-39  | D 377    | 377           | SR 626 SW                        | 377                             | SB-AW    | BA    | SR 66 |
| V 379              | 00379 101 111 | 1.55        | Silver                 | 5.8           | 2.15        | 618              | 280-59  | D 379    | 379           | SR 521 SW                        | 379                             | SB-AC/DC | JA    | SR 63 |
| V 381              | 00381 101 111 | 1.55        | Silver                 | 11.6          | 2.1         | 317              | 280-27  | D 381    | 381           | SR 1110 SW                       | 381                             | SB-DS/AS | -     | SR 55 |
| V 384              | 00384 101 111 | 1.55        | Silver                 | 7.9           | 3.6         | 247              | 280-18  | D 384    | 384           | SR 41 SW                         | 384                             | SB-A1/D1 | -     | SR 41 |
| V 386*             | 00386 101 111 | 1.55        | Silver                 | 11.6          | 4.2         | 260              | 280-41  | D 386    | 386           | SR 43 W                          | 386                             | SB-BB    | H     | SR 43 |
| V 389*             | 00389 101 111 | 1.55        | Silver                 | 11.6          | 3.05        | 626              | 280-15  | D 389    | 389           | SR 1130 W                        | 389                             | SB-BU    | M     | SR 54 |
| V 390              | 00390 101 111 | 1.55        | Silver                 | 11.6          | 3.05        | 603              | 280-24  | D 390    | 390           | SR 1130 SW                       | 390                             | SB-AU    | -     | SR 54 |
| V 391*             | 00391 101 111 | 1.55        | Silver                 | 11.6          | 2.1         | 609              | 280-30  | D391     | 391           | SR 1120 SW                       | 391                             | SB-BS/ES | L     | SR 55 |
| V 392*             | 00392 101 111 | 1.55        | Silver                 | 7.9           | 3.6         | 247              | 280-13  | D392     | 392           | SR 41 W                          | 392                             | SB-B1    | K     | SR 41 |
| V 393*             | 00393 101 111 | 1.55        | Silver                 | 7.9           | 5.4         | 255              | -       | D 393    | 393           | SR 754 SW                        | 393                             | SB-B3    | F     | SR 48 |
| V 394              | 00394 101 111 | 1.55        | Silver                 | 9.5           | 3.6         | 625              | 280-17  | D 394    | 394           | SR 936 SW                        | 394                             | SB-A4    | -     | SR 45 |
| V 395              | 00395 101 111 | 1.55        | Silver                 | 9.5           | 2.7         | 610              | 280-48  | D 395    | 395           | SR 927 SW                        | 395                             | SB-AP/DP | LA    | SR 57 |
| V 396*             | 00396 101 111 | 1.55        | Silver                 | 7.9           | 2.6         | 612              | 280-52  | D 396    | 396           | SR 726 W                         | 396                             | SB-BL    | V     | SR 59 |
| V 397              | 00397 101 111 | 1.55        | Silver                 | 7.9           | 2.6         | 607              | 280-28  | D 397    | 397           | SR 726 SW                        | 397                             | SB-AL    | N     | SR 59 |
| V 399              | 00399 101 111 | 1.55        | Silver                 | 9.5           | 2.7         | 613              | 280-    | D 399    | 399           | SR 927 W                         | 399                             | SB-BP/EP | W     | SR 57 |

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| VARTA Piles Électroniques |               |             |             |               |              | Autres références |          |               |          |            |         |             |
|---------------------------|---------------|-------------|-------------|---------------|--------------|-------------------|----------|---------------|----------|------------|---------|-------------|
| Type                      | Référence     | Tension (V) | Technologie | Diamètre (mm) | Hauteur (mm) | Energizer         | Duracell | GP Sylva Cell | Kodak    | Panasonic  | Renata  | Designation |
| CR 1216                   | 06216 101 401 | 3.0         | Lithium     | 12.5          | 1.6          | CR 1216           | -        | -             | -        | CR 1216    | CR 1216 | CR 1216     |
| CR 1220                   | 06220 101 401 | 3.0         | Lithium     | 12.5          | 2.0          | CR 1220           | DL 1220  | CR 1220       | -        | CR 1220    | CR 1220 | CR 1220     |
| CR 1225                   | 06225 101 401 | 3.0         | Lithium     | 12.5          | 2.5          | -                 | -        | -             | -        | -          | -       | CR 1225     |
| CR 1616                   | 06616 101 401 | 3.0         | Lithium     | 16.0          | 1.6          | CR 1616           | DL 1616  | CR 1616       | -        | CR 1616    | CR 1616 | CR 1616     |
| CR 1620                   | 06620 101 401 | 3.0         | Lithium     | 16.0          | 2.0          | CR 1620           | DL 1620  | -             | -        | CR 1620    | CR 1620 | CR 1620     |
| CR 1632                   | 06632 101 401 | 3.0         | Lithium     | 16.0          | 3.2          | CR 1632           | DL 1632  | -             | -        | CR 1632    | CR 1632 | CR 1632     |
| CR 2016                   | 06016 101 401 | 3.0         | Lithium     | 20.0          | 1.6          | CR 2016           | DL 2016  | CR 2016       | KCR 2016 | CR 2016    | CR 2016 | CR 2016     |
| CR 2025                   | 06025 101 401 | 3.0         | Lithium     | 20.0          | 2.5          | CR 2025           | DL 2025  | CR 2025       | KCR 2025 | CR 2025    | CR 2025 | CR 2025     |
| CR 2032                   | 06032 101 401 | 3.0         | Lithium     | 20.0          | 3.2          | CR 2032           | DL 2032  | CR 2032       | KCR 2032 | CR 2032    | CR 2032 | CR 2032     |
| CR 2320                   | 06320 101 401 | 3.0         | Lithium     | 23.0          | 2.0          | CR 2320           | DL 2320  | -             | -        | CR 2320    | CR 2320 | CR 2320     |
| CR 2430                   | 06430 101 401 | 3.0         | Lithium     | 24.5          | 3.0          | CR 2430           | DL 2430  | CR 2430       | -        | -          | CR 2430 | CR 2430     |
| CR 2450                   | 06450 101 401 | 3.0         | Lithium     | 24.5          | 5.0          | CR 2450           | DL 2450  | -             | -        | -          | CR 2450 | CR 2450     |
| CR 2 NP                   | 06202 101 401 | 3.0         | Lithium     | 11.6          | 60.0         | -                 | -        | -             | -        | -          | -       | -           |
| CR 1/3 N                  | 06131 101 401 | 3.0         | Lithium     | 11.6          | 10.8         | 2 L 76            | DL 1/3 N | -             | K 58 L   | -          | -       | -           |
| V 28 PXL                  | 06231 101 401 | 6.0         | Lithium     | 13.0          | 25.1         | L 544             | PX 28    | -             | K 28 L   | -          | -       | -           |
| V 8 GS/391                | 04173 101 401 | 1.55        | Silber      | 11.6          | 2.1          | 191               | SR 55    | 191           | -        | SR 1120 W  | -       | SR 55       |
| V 10 GA                   | 04274 101 401 | 1.5         | Alkaline    | 11.6          | 3.05         | 189               | LR 54    | 189           | -        | LR 1130 P  | -       | LR 54       |
| V 10 GS/389               | 04174 101 401 | 1.55        | Silber      | 11.6          | 3.05         | 389               | D 389    | 389           | -        | SR 1130 P  | 389     | SR 54       |
| V 11 A                    | 04211 101 401 | 6.0         | Alkaline    | 10.2          | 16.5         | -                 | MN 11    | 11 A          | -        | -          | -       | -           |
| V 12 GA                   | 04278 101 401 | 1.5         | Alkaline    | 11.6          | 4.2          | 186               | LR 43    | 186           | -        | LR 43 P    | LR 43   | LR 43       |
| V 12 GS/389               | 04178 101 401 | 1.55        | Silber      | 11.6          | 4.2          | 386               | D 386    | 386           | -        | SR 43 P    | 386     | SR 43       |
| V 13 GA                   | 04276 101 401 | 1.5         | Alkaline    | 11.6          | 5.4          | 157/A 76          | PX 76 A  | A 76          | KA 76    | LR 44 P    | LR 44   | LR 44       |
| V 13 GS/357               | 04176 101 401 | 1.55        | Silber      | 11.6          | 5.4          | 357               | D 357    | 357           | -        | SR 44 P    | 357     | SR 44       |
| V 23 GA                   | 04223 101 401 | 12.0        | Alkaline    | 10.3          | 28.5         | A 23              | MN 21    | A 23          | K 23 A   | -          | -       | -           |
| V 27 A                    | 04227 101 401 | 12.0        | Alkaline    | 8.0           | 28.2         | -                 | MN 27    | 27 A          | -        | -          | -       | -           |
| V 28 PX                   | 04028 101 401 | 6.2         | Silber      | 13.0          | 25.2         | 544               | PX 28    | 476           | KS 28    | 4 SR 44 P  | -       | 4 SR 44     |
| V 74 PX                   | 04074 101 401 | 15.0        | Alkaline    | 16.0          | 35.0         | 504               | MN 154   | 220 A         | -        | -          | -       | -           |
| V 76 PX                   | 04075 101 401 | 1.55        | Silber      | 11.6          | 5.4          | EPX 76            | D 357 H  | -             | KS 76    | SR 44 P    | -       | SR 44       |
| V 362                     | 00362 101 401 | 1.55        | Silber      | 7.9           | 2.1          | 362               | D 362    | 362           | -        | SR 721 SW  | 362     | SR 58       |
| V 364                     | 00364 101 401 | 1.55        | Silber      | 6.8           | 2.15         | 364               | D 364    | D 364         | -        | SR 621 SW  | 364     | SR 60       |
| V 371                     | 00371 101 401 | 1.55        | Silber      | 9.5           | 2.1          | 371               | D 371    | 371           | -        | SR 920 SW  | 371     | SR 69       |
| V 377                     | 00377 101 401 | 1.55        | Silber      | 6.8           | 2.6          | 377               | D 377    | 377           | -        | SR 626 SW  | 377     | SR 66       |
| V 379                     | 00379 101 401 | 1.55        | Silber      | 5.8           | 2.15         | 379               | D 379    | 379           | -        | SR 521 SW  | 379     | SR 63       |
| V 390                     | 00390 101 401 | 1.55        | Silber      | 11.6          | 3.05         | 390               | D 390    | 390           | -        | SR 1130 SW | 390     | SR 54       |
| V 392                     | 00392 101 401 | 1.55        | Silber      | 7.9           | 3.6          | 392               | D 392    | 392           | -        | SR 41 W    | 392     | SR 41       |
| V 395                     | 00395 101 401 | 1.55        | Silber      | 9.5           | 2.7          | 395               | D 395    | 395           | -        | SR 927 SW  | 395     | SR 57       |
| V 625 U                   | 04626 101 401 | 1.5         | Alkaline    | 16            | 6.2          | EPX 625 G         | PX 625 A | 625 A         | KA 625   | -          | -       | LR 9        |
| V 4034                    | 04034 101 401 | 6.0         | Alkaline    | 13.0          | 25.2         | A 544             | PX 28 A  | 476 A         | K 28 A   | 4 LR 44 P  | -       | 4 LR 44     |
| 4001                      | 04001 101 401 | 1.5         | Alkaline    | 12.0          | 30.2         | E 90              | MN 9100  | 910 A         | KN       | -          | -       | LR 1        |

GENERAL PURPOSE

RECHARGEABLE

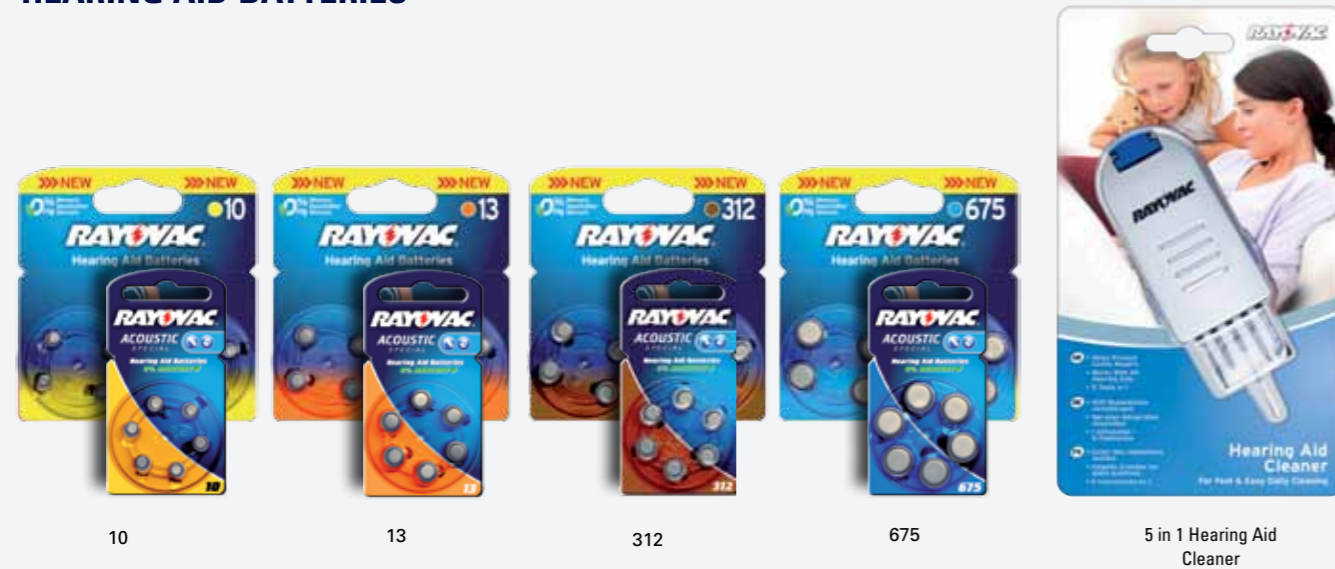
PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

### HEARING AID BATTERIES



- New: Mercury free and corrosion resistant housing for more power and better conduction
- Easy open - packaging
- Patented technology from the worldwide number one producer of hearing aid batteries

| Type | Voltage (V) | Electrochemical system | Height (mm) | Diameter (mm) | Weight (g) | Batteries/consumer unit | Order No.     | EAN / GTIN       | Consumer unit | Minimum pieces/shipment unit | Masterkarton | IEC   |
|------|-------------|------------------------|-------------|---------------|------------|-------------------------|---------------|------------------|---------------|------------------------------|--------------|-------|
| 10   | 1.4         | Zinc-Air               | 3.5         | 5.8           | 0.30       | 8                       | 04610 745 418 | 50 00252 00380 9 | 1             | 10                           | 100          | PR 70 |
| 13   | 1.4         | Zinc-Air               | 5.35        | 7.8           | 0.80       | 8                       | 04606 745 418 | 50 00252 00378 6 | 1             | 10                           | 100          | PR 48 |
| 312  | 1.4         | Zinc-Air               | 3.45        | 7.8           | 0.50       | 8                       | 04607 745 418 | 50 00252 00379 3 | 1             | 10                           | 100          | PR 41 |
| 675  | 1.4         | Zinc-Air               | 5.35        | 11.6          | 1.80       | 8                       | 04600 745 418 | 50 00252 00377 9 | 1             | 10                           | 100          | PR 44 |
| 10   | 1.4         | Zinc-Air               | 3.5         | 5.8           | 0.30       | 6                       | 04610 945 416 | 50 00252 00321 2 | 1             | 10                           | 100          | PR 70 |
| 13   | 1.4         | Zinc-Air               | 5.35        | 7.8           | 0.80       | 6                       | 04606 945 416 | 50 00252 00319 9 | 1             | 10                           | 100          | PR 48 |
| 312  | 1.4         | Zinc-Air               | 3.45        | 7.8           | 0.50       | 6                       | 04607 945 416 | 50 00252 00320 5 | 1             | 10                           | 100          | PR 41 |
| 675  | 1.4         | Zinc-Air               | 5.35        | 11.6          | 1.80       | 6                       | 04600 945 416 | 50 00252 00318 2 | 1             | 10                           | 100          | PR 44 |

**Attention: The necessary operating voltage will be reached one minute after removing the lamination**

| Type                               | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Batteries/consumer unit | Order No.     | EAN / GTIN       | Consumer unit | Minimum pieces/shipment unit | Masterkarton |
|------------------------------------|------------|-------------|------------|------------|-------------------------|---------------|------------------|---------------|------------------------------|--------------|
| Rayovac 5 in 1 Hearing Aid Cleaner | 115        | 203         | 54         | 26         | 1                       | 00895 945 401 | 40 08496 61500 1 | 1             | 4                            | 24           |

- Convenient, fast, effective maintenance
- Ergonomic, easy to use design incorporate 5 tools in one comfortable, easy to hold handle
- Pocket sized device works with all hearing aids
- Comprises five tools including a wax removal brush, wax removal pick, tube and vent cleaner, battery door opener and battery replacement magnet



### BATTERY TESTER 891 LCD DIGITAL



- Practical and user - friendly battery tester
- Checks all important batteries, rechargeables and button cells
- Results are readable on LCD display

| Type                       | Equipped with | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order No./consumer unit | EAN / GTIN (40 08496) | Consumer unit | Min- pieces/shipment unit | Masterkarton |
|----------------------------|---------------|------------|-------------|------------|------------|-------------------------|-----------------------|---------------|---------------------------|--------------|
| LCD Digital Battery Tester | -             | 80         | 195         | 25         | 68         | 00891 101 401           | ... 68064 1           | 1             | 8                         | 8            |

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



# FLASHLIGHTS AND BULBS

5mm LED or bulb

Multi 5mm or high performance LED

High performance LED

Consequent orientation to consumer needs and retail requirements is a VARTA tradition.

With our Flashlight Relaunch 2011 we have opened a new successful chapter – the radical simplification of the flashlight purchasing.

As consumers are looking for orientation the VARTA flashlight strategy includes five success factors.

- 1) Structuring the range into three segments to simplify the category: Easy Line, Power Line and Professional Line
- 2) Clear-cut information structure with comparable and differentiating icons
- 3) Focusing on high sellers with quality (features) / price as main buying criteria to make the purchase decision easier
- 4) Eye-catching, innovative V-shape design: Blister packaging that impressively conveys the quality brand VARTA
- 5) Focusing on sustainability via FSC certified cardboard material and through reduction of PET

**VARTA makes mobile lighting understandable, for everyone. Order the simplification of the flashlight market. Order the new VARTA flashlights.**



## VARTA SPOT LIGHT 2AA | VARTA MINI DAY LIGHT LED 1AAA | VARTA INDUSTRIAL LED LIGHT 2D



Spot Light 2AA  
16600



Mini Day Light LED 1AAA  
16601



Industrial LED Light 2D  
16604

### VARTA Spot Light 2AA:

- Handy general purpose light made of durable ABS plastic
- With roll stop and hanging ring

44m\*  
0.25 lux    2h    14 lumens    Krypton

### VARTA LED Industrial Light 2D:

- Water repellent high performance flashlight
- Resistant to fluids such as oil, petrol and diesel oil
- Focusable light beam in 3 levels
- Non-slip rubber grip and hanging ring

52m\*  
0.25 lux    160h    25 lumens    0.5 WATT L.E.D.

### VARTA Mini Day Light LED 1AAA:

- White 5mm LED for a better light output
- Shock resistant ABS plastic housing
- Incl. key ring

18m\*  
0.25 lux    3.5h    9 lumens    5mm L.E.D.

| Type                    | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN/GTIN Consumer unit | Minimum pieces/ shipment unit | Housing               | Bulb equipment                                   |
|-------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------------|--------------------------|------------------------|-------------------------------|-----------------------|--|
| Spot Light 2AA          | 1           | 100                | 230                 | 39                 | 68                 | 153               | 37                  | 42               | -                         | 16600 101 401            | 40 08496 67732 0       | 6                             | ABS plastic           | 2.40 V; 0.70 A Krypton (Order-Nr. 00751 000 402) |
| Mini Day LED Light 1AAA | 1           | 100                | 230                 | 33                 | 73                 | 94.5              | 32                  | 39               | incl. 1x LR03 High Energy | 16601 101 421            | 40 08496 67798 6       | 6                             | Platic, Metal, Rubber | 1x 5mm LED                                       |
| Industrial LED Light 2D | 1           | 150                | 330                 | 72                 | 247                | 204               | 68                  | 193              | -                         | 16604 101 401            | 40 08496 67786 3       | 4                             | Plastic, Rubber       | 0.5 Watt Plug-in LED                             |

\*ANSI FL1 Standard

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

VARTA LED DAY LIGHT 2AA | VARTA LED PEN LIGHT 1AAA | VARTA LED LIPSTICK LIGHT 1AAA



LED Day Light 2AA  
16610

LED Pen Light 1AAA  
16611

LED Lipstick Light 1AAA  
16617

VARTA LED Day Light 2AA:

- 3x 5mm LEDs for a better light output
- Rugged three-component flashlight made of aluminium, ABS plastic and rubber
- Impact resistant housing for increased outdoor reliability
- Practical lanyard

42m\* 65h 25 lumens 3x5mm L.E.D. 0.25 lux

VARTA LED Lipstick Light 1AAA:

- Elegant and handy LED flashlight with an aluminium body and a riffled rubber grip
- 0.5 Watt high performance LED for high light output
- Lanyard and glow-in-dark sleeve and button cover offers optimum comfort during use
- Available in two fashionable colours

25m\* 3h 19 lumens 0.5 WATT L.E.D. 0.25 lux

VARTA LED Pen Light 1AAA:

- Aluminium housing
- Long battery lifetime due to white 5mm LED
- Practical fastening clip

11m\* 15h 3 lumens 5mm L.E.D. 0.25 lux

| Type                    | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN/GTIN Consumer unit | Minimum pieces/ shipment unit | Housing                        | Bulb equipment |
|-------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------------|--------------------------|------------------------|-------------------------------|--------------------------------|----------------|
| LED Day Light 2AA       | 1           | 100                | 230                 | 46                 | 165                | 162               | 44                  | 91.5             | incl. 2x LR6 High Energy  | 16610 101 421            | 40 08496 67768 9       | 6                             | Aluminium, Rubber, ABS plastic | 3x 5mm LED     |
| LED Pen Light 1AAA      | 1           | 100                | 230                 | 16                 | 50                 | 117               | 14                  | 16               | incl. 1x LR03 High Energy | 16611 101 421            | 40 08496 67804 4       | 6                             | Aluminium                      | 1x 5mm LED     |
| LED Lipstick Light 1AAA | 1           | 100                | 230                 | 21                 | 78                 | 95                | 21                  | 31               | incl. 1x LR6 High Energy  | 16617 101 421            | 40 08496 74650 7       | 6                             | Aluminium, Rubber              | 0.5 Watt LED   |

\*ANSI FL1 Standard

VARTA TRILOGY LED LIGHT 3AAA | VARTA GELLY LED LIGHT 2AA | VARTA PROFI LIGHT 2C



Trilogy LED Light 3AAA  
16615

Gelly LED Light 2AA  
16616

Profi Light 2C  
16623

VARTA Trilogy LED Light 3AAA:

- Elegant LED flashlight made of durable plastic
- Ergonomic grip for optimal usage comfort
- Special magnifying lens technology for optimum light beam
- In master carton available with 3x silver/red and 3x silver/blue

52m\* 70h 11 lumens 5mm L.E.D. 0.25 lux

VARTA Profi Light 2C:

- Anticorrosion and galvanised metal housing
- Spot-to-flood focusable beam
- Practical hanging ring
- In master carton available with 3x red and 3x blue metallic

36m\* 5h 12 lumens Krypton 0.25 lux

VARTA Gelly LED Light 2AA:

- Elegant flashlight with highly innovative gel filled handle
- Adjusts perfectly to individual hand shape
- Master carton available with 2x blue, 2x red, 2x silver

50m\* 50h 5 lumens 5mm L.E.D. 0.25 lux

| Type                   | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN/GTIN Consumer unit | Minimum pieces/ shipment unit | Housing                   | Bulb equipment                                   |
|------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------------|--------------------------|------------------------|-------------------------------|---------------------------|--|
| Trilogy LED Light 3AAA | 1           | 100                | 230                 | 50                 | 137                | 165               | 48                  | 78               | incl. 3x LR03 High Energy | 16615 101 421            | 40 08496 67670 5       | 6                             | Plastic                   | 1x 5mm LED                                       |
| Gelly LED Light 2AA    | 1           | 100                | 230                 | 48                 | 157                | 172               | 45                  | 83               | incl. 2x LR6 High Energy  | 16616 101 421            | 40 08496 67738 2       | 6                             | Plastic gel filled handle | 1x 5mm LED                                       |
| Profi Light 2C         | 1           | 135                | 280                 | 56                 | 120                | 172               | 54                  | 78               | -                         | 16623 101 401            | 40 08496 67741 2       | 6                             | Metal, Plastic            | 2.40 V; 0.70 A Krypton (Order No. 00751 000 402) |

\*ANSI FL1 Standard

EASY LINE

POWER LINE

PROFESSIONAL LINE

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



VARTA POCKET LIGHT 3R12 | VARTA PALM LIGHT 3R12 | VARTA LED SILVER LIGHT 3AAA



Pocket Light 3R12  
16640



Palm Light 3R12  
16645



LED Silver Light 3AAA  
16647

VARTA Pocket Light 3R12:

- Plastic flat light
- Additional red light filter (ideal for night vision)
- Practical hanging clip

34m\* 3h 18 lumens Bulb  
0.25 lux

VARTA Palm Light 3R12:

- Stylish multi-purpose metal flat light
- Practical hanging clip

75m\* 3.5h 15 lumens Bulb  
0.25 lux

VARTA LED Silver Light 3AAA:

- Compact and handy LED flat light
- Stylish design combined with up-to-date LED technology
- 3x 5mm LEDs with 3 separate magnifying lenses provide an amazingly long light beam for more light output
- Robust silver ABS plastic housing with all purpose black rubber
- Practical hanging clip

41m\* 12h 28 lumens 3x5mm L.E.D.  
0.25 lux

| Type                  | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Depth (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing         | Bulb equipment                                  |
|-----------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|-----------------|---|
| Pocket Light 3R12     | 1           | 100                | 230                 | 43                 | 115                | 124               | 67               | 40               | 89               | -                         | 16640 101 401            | 40 08496 67750 4 | 6                             | Plastic         | 3.70 V; 0.30 A Normal (Order No. 00720 000 402) |
| Palm Light 3R12       | 1           | 100                | 230                 | 42                 | 108                | 110               | 69               | 37               | 85               | -                         | 16645 101 401            | 40 08496 67753 5 | 6                             | Metal           | 3.70 V; 0.30 A Normal (Order No. 00720 000 402) |
| Palm Light 3R12       | 1           | 100                | 230                 | 42                 | 217                | 110               | 69               | 37               | 85               | incl. 1x 3R12 Superlife   | 16645 101 421            | 40 08496 67756 6 | 6                             | Metal           | 3.70 V; 0.30 A Normal (Order No. 00720 000 402) |
| LED Silver Light 3AAA | 1           | 100                | 230                 | 30                 | 109                | 98                | 53               | 29               | 53               | incl. 3x LR03 High Energy | 16647 101 421            | 40 08496 67759 7 | 6                             | Plastic, Rubber | 3x 5mm LED                                      |

\*ANSI FL1 Standard

VARTA XS CAMPING LANTERN LED 4AA | VARTA LED DAY LIGHT 2D | VARTA SWIVEL LIGHT LED 2AA



XS Camping Lantern LED 4AA  
16664



LED Day Light 2D  
17611



Swivel Light LED 2AA  
17622

VARTA XS Camping Lantern LED 4AA:

- Extremely handy and space saving Camping Lantern
- 8x 5mm LEDs for a better areal light output
- Highly efficient use of energy
- Two light modes (100% and energy saving mode)
- The metal handle can also be used to hang up the lantern
- Including a metal carabiner

3.20m\* 15h 24 lumens 8x5mm L.E.D.  
0.25 lux

VARTA LED Day Light 2D:

- 7x 5mm LEDs for a better light output
- Rugged three-component flashlights made of aluminium, ABS plastic and rubber
- Impact resistant housing for increased outdoor reliability
- Practical lanyard

63m\* 140h 58 lumens 7x5mm L.E.D.  
0.25 lux

VARTA Swivel Light LED 2AA:

- Water repellent high performance flashlight
- Resistant to fluids such as oil, petrol and diesel oil
- Focusable light beam in 3 levels
- Swivel head, non-slip rubber grip and hanging ring

40m\* 35h 23 lumens 0.5 WATT L.E.D.  
0.25 lux

| Type                   | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing                | Bulb equipment       |
|------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|------------------------|----------------------|
| XS Camping Lantern 4AA | 1           | 74                 | 216                 | 60                 | 182                | 180               | 74                  | 175              | -                         | 16664 101 111            | 40 08496 67697 2 | 4                             | Plastic                | 8x 5mm LED           |
| LED Day Light 2D       | 1           | 150                | 330                 | 65                 | 517                | 196               | 62                  | 187.5            | incl. 2x LR20 High Energy | 17611 101 421            | 40 08496 67771 9 | 4                             | Metal, Rubber, Plastic | 7x 5mm LED           |
| Swivel Light LED 2AA   | 1           | 135                | 280                 | 55                 | 236                | 204               | 52                  | 146              | incl. 2x LR6 High Energy  | 17622 101 421            | 40 08496 67789 4 | 6                             | Plastic, Rubber        | 0.5 Watt Plug-in LED |

\*ANSI FL1 Standard

EASY LINE

POWER LINE

PROFESSIONAL LINE

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

VARTA 0.5 WATT LED LIGHT 4AA | VARTA PREMIUM LED LIGHT 3AAA | VARTA 1 WATT LED OUTDOOR PRO 3AAA |



0.5 Watt LED Light 4AA  
17625



Premium LED Light 3AAA  
17634



1 Watt LED Outdoor Pro 3AAA  
17628



EASY LINE

POWER LINE

PROFESSIONAL LINE

VARTA LED x4 HEAD LIGHT 3AAA | VARTA INDESTRUCTIBLE LED x5 HEAD LIGHT 3AAA | VARTA INDESTRUCTIBLE 1 WATT LED HEAD LIGHT 3AAA



LED x4 Head Light 3AAA  
17631



Indestructible LED x5 Head Light 3AAA  
17730



Indestructible 1 Watt LED Head Light 3AAA  
17731



EASY LINE

POWER LINE

PROFESSIONAL LINE

VARTA 0.5 Watt LED Light 4AA:

- White 0.5 watt high performance LED with low energy consumption
- Water repellent casing made of ABS plastic and rubber
- Practical snaplink for fixation

68m\* 52h 20 lumens 0.5 WATT L.E.D. 0.25 lux

VARTA Premium LED Light 3AAA:

- High-end flashlight with water resistant aluminium housing in an exclusive design
- 0.5 Watt high performance LED for low energy consumption and high brightness
- Long runtime of minimum 13 hours of illumination

36m\* 13h 30 lumens 0.5 WATT L.E.D. 0.25 lux

VARTA 1 Watt LED Outdoor Pro 3AAA:

- Premium Outdoor flashlight with 1 watt high performance LED
- Rubber non-slip handle and lanyard for a comfortable and secure grip
- Water resistant anodized aluminium body provides extreme durability
- Amazingly long run time - up to 20 hrs in energy saving mode
- The right light for every situation, 2 light modes: 100% and energy saving
- Shock proof 3m
- Switch on base for comfortable usage

50m\* UP TO 20h UP TO 80 lumens 1 WATT L.E.D. 0.25 lux

VARTA LED x4 Head Light 3AAA:

- Lightweight LED head light in leisure design
- Equipped with 4 high quality LEDs:
  - 3x white LEDs for optimum brightness
  - 1x red LED for night vision
- Water resistant housing made of durable ABS plastic and rubber
- Tilttable head for optimum illumination
- 3 level switching function (white LEDs, red LED, Off)

18m\* UP TO 38h UP TO 22 lumens 3x 5mm + 1x red L.E.D. 0.25 lux

VARTA Indestructible LED x5 Head Light 3AAA:

- Extremely robust (9m drop test), water resistant (IPX4), with shock-absorbing, rubberized housing
- Very bright 5x 5mm LEDs and two modes: 35 lumens and 11 lumens (energy saver)
- Compact and extremely lightweight, tilttable head light
- Designed for maximum durability

24m\* UP TO 40h UP TO 35 lumens 5x 5mm L.E.D. 0.25 lux

VARTA Indestructible 1 Watt LED Head Light 3AAA:

- Extremely robust (9m drop test), water resistant (IPX4), with shock-absorbing, rubberized housing
- High performance LED with two modes: 100 lumens and 36 lumens (energy saver)
- Compact and extremely lightweight, tilttable head light
- Designed for maximum durability

100m\* UP TO 15h UP TO 100 lumens 1Watt L.E.D. 0.25 lux

| Type                    | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing           | Bulb equipment |
|-------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|-------------------|----------------|
| 0.5 Watt LED Light 4AA  | 1           | 150                | 330                 | 60                 | 333                | 238               | 61.5                | 183              | incl. 4x LR6 High Energy  | 17625 101 421            | 40 08496 67673 6 | 4                             | Plastic, Rubber   | 0.5 Watt LED   |
| Premium LED Light 3AAA  | 1           | 100                | 230                 | 36                 | 146                | 114               | 32                  | 87               | incl. 3x LR03 High Energy | 17634 101 421            | 40 08496 67744 3 | 4                             | Aluminium         | 0.5 Watt LED   |
| 1W LED Outdoor Pro 3AAA | 1           | 100                | 230                 | 38                 | 161                | 115               | 35                  | 102              | incl. 3x LR03 High Energy | 17628 101 421            | 40 08496 67682 8 | 4                             | Aluminium, Rubber | 1 Watt LED     |

\*ANSI FL1 Standard

| Type                   | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Depth (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing         | Bulb equipment          |
|------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|-----------------|-------------------------|
| LED x4 Head Light 3AAA | 1           | 100                | 230                 | 40                 | 71                 | 42                | 68               | 37               | 45               | -                         | 17631 101 401            | 40 08496 67774 0 | 4                             | Plastic, Rubber | 3x 5mm LED + 1x red LED |
| LED x4 Head Light 3AAA | 1           | 100                | 230                 | 40                 | 104                | 42                | 68               | 37               | 45               | incl. 3x LR03 High Energy | 17631 101 421            | 40 08496 67777 1 | 4                             | Plastic, Rubber | 3x 5mm LED + 1x red LED |
| LED x5 Head Light 3AAA | 1           | 100                | 230                 | 40                 | 124                | 40                | 62               | 44               | 65               | incl. 3x LR03 High Energy | 17730 101 421            | 40 08496 68283 6 | 4                             | Plastic, Rubber | 5x 5mm LED              |
| 1W LED Head Light 3AAA | 1           | 100                | 230                 | 40                 | 123                | 40                | 62               | 44               | 64               | incl. 3x LR03 High Energy | 17731 101 421            | 40 08496 68286 7 | 4                             | Plastic, Rubber | 1W LED                  |

\*ANSI FL1 Standard

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

VARTA PREMIUM LED LIGHT 2AA |  
VARTA INDUSTRIAL FOCUS CONTROL LED 4AA | VARTA 0.5 WATT LED DAY LIGHT 2AA



Premium LED Light 2AA  
17635



Industrial Focus Control LED 4AA  
17640



0.5 Watt LED Day Light 2AA  
17651

VARTA Premium LED Light 2AA:

- Innovative 1 watt high performance LED for maximum illumination
- Spot-to-flood focusable beam
- High-end design combined with 6 times processed robust aluminium housing
- Extremely long illumination time

100m\* 4h 60 lumens 1 WATT L.E.D. 0.25 lux

VARTA 0.5 Watt LED Day Light 2AA:

- Impact resistant, three-component case (aluminium, rubber and ABS plastic)
- High performance 0.5 Watt LED for low energy consumption and high light output
- Lanyard offers optimum comfort during use

45m\* 6h 32 lumens 0.5 WATT L.E.D. 0.25 lux

VARTA Industrial Focus Control LED 4AA:

- Water repellent high performance LED flashlight
- Resistant against chemical fluids such as oil, fuel and diesel
- Stepless adjustable spot-to-flood function
- Non-slip rubber grip and hanging ring
- CREE XPC Q2 LED with 120 lumens (3 watt)
- Up to 3m shockproof
- Rugged ABS plastic housing

132m\* 4h 120 lumens 3 WATT L.E.D. 0.25 lux

| Type                             | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing                    | Bulb equipment |
|----------------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|--------------------------|--------------------------|------------------|-------------------------------|----------------------------|----------------|
| Premium LED Light 2AA            | 1           | 135                | 280                 | 32                 | 134                | 175               | 30                  | 45               | incl. 2x LR6 High Energy | 17635 101 421            | 40 08496 67747 4 | 4                             | Aluminium                  | 1 Watt LED     |
| Industrial Focus Control LED 4AA | 1           | 135                | 280                 | 61                 | 327                | 194               | 60                  | 189              | incl. 4x LR6 High Energy | 17640 101 421            | 40 08496 67685 9 | 4                             | Plastic                    | 3 Watt LED     |
| LED Day Light 2AA                | 1           | 100                | 230                 | 46                 | 165                | 162               | 44                  | 91,5             | incl. 2x LR6 High Energy | 17651 101 421            | 40 08496 67762 7 | 4                             | Aluminium, Plastic, Rubber | 0,5 Watt LED   |

\*ANSI FL1 Standard

VARTA LED FLEX NECK LIGHT 2AAA | VARTA INDUSTRIAL BEAM LANTERN 4D |  
VARTA DYNAMO LIGHT LED



LED Flex Neck Light 2AAA  
17646



Industrial Beam Lantern 4D  
17652



Dynamo Light LED  
17680

VARTA LED Flex Neck Light 2AAA:

- 0.5 high performance LED for an ideal illumination even of hard-to-access spots
- Bendable, 22cm long neck provides maximum flexibility
- Magnet clip allows fixation of the flashlight on metal surface
- DC/DC regulator for constant light output
- Water resistant according IPX4

56m\* 17h 30 lumens 0.5 WATT L.E.D. 0.25 lux

VARTA Dynamo Light LED:

- Always light - 100% battery independent
- One minute cranking provides 30 minutes light
- Modern lithium ion rechargeable battery - capacity 120 mAh
- Three white 5mm LEDs for a better beam range
- Shock resistant ABS plastic housing
- Water resistant

26m\* 1h 28 lumens 3x 5mm L.E.D. 0.25 lux

VARTA Industrial Beam Lantern 4D:

- Waterproof IPX7 (up to 1m)
- Resistant against chemical fluids such as oil, fuel and diesel
- Multi-adjustable stand for comfortable work

110m\* 14h 75 lumens Krypton 0.25 lux

| Type                       | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Depth (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing         | Bulb equipment                                     |
|----------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|-----------------|--|
| LED Flex Neck Light 2AAA   | 1           | 135                | 280                 | 32                 | 171                | 375               | -                | 21               | 62               | incl. 2x LR03 High Energy | 17646 101 421            | 40 08496 74659 0 | 4                             | Plastic, Rubber | 0.5 Watt LED                                       |
| Industrial Beam Lantern 4D | 1           | 232                | 271                 | 121                | 736                | 232               | 165              | 120              | 706              | -                         | 17652 101 111            | 40 08496 67706 1 | 4                             | Plastic, Rubber | 4,80 V; 0,75 A Krypton (Bestell-Nr. 00792 000 402) |
| Dynamo Light               | 1           | 100                | 230                 | 44                 | 170                | 142               | 42               | 52               | 145              | -                         | 17680 101 401            | 40 08496 67700 9 | 4                             | ABS plastic     | 3x 5mm LED   |

\*ANSI FL1 Standard

EASY LINE

POWER LINE

PROFESSIONAL LINE

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

VARTA RECHARGEABLE DIRECT PLUG IN LED | VARTA LED SOLAR LIGHT



Rechargeable Direct Plug In LED  
17682



LED Solar Light  
17690

VARTA Rechargeable Direct Plug In LED:

- Handy rechargeable LED flashlight to plug-in directly into the wall socket
- Long lasting, durable and rechargeable NiMH accu (charge time 16h), rechargeable battery runtime is 1h
- No change of batteries required
- Three magnifying lenses for a long beam range
- With push button and practical lanyard for a comfortable usage
- Charging indicator
- 230V 50Hz AC input requirement, with cover for protecting plug

20m\* 0.25 lux 1h 15 lumens 3x 5mm L.E.D.

VARTA LED Solar Light:

- Designed solar light with two charging modes: Solar energy and pull mechanism
- Robust housing made from durable plastic
- 1 hour of charging in the sun provides 15-20 minutes light
- Pull string 60x and the 3 LEDs will light up 10 minutes (emergency charging)
- If battery is fully charged, flashlight has 2h runtime
- Long lifetime due to high performance lithium-ion rechargeable battery (replace only with LIR 2450, 3.6V, 110mAh)
- LEDs don't need replacement and guarantee long battery lifetime
- Low voltage (2.4V) and overcharge protection (4.2V) for a long lifetime

24m\* 0.25 lux 2h 10 lumens 3x 5mm L.E.D.

| Type                            | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Depth (mm) Torch | Weight (g) Torch | Batteries | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing | Bulb equipment |
|---------------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|------------------|------------------|-----------|--------------------------|------------------|-------------------------------|---------|----------------|
| Rechargeable Direct Plug In LED | 1           | 100                | 230                 | 30                 | 87                 | 105               | 44               | 27               | 63,5             | -         | 17682 101 401            | 40 08496 67765 8 | 4                             | Plastic | 3x 5mm LED     |
| LED Solar Light                 | 1           | 100                | 230                 | 21                 | 116                | 130.5             | 50.5             | 18               | 93               | -         | 17690 101 401            | 40 08496 67783 2 | 4                             | Plastic | 3x 5mm LED     |

\*ANSI FL1 Standard

VARTA 1 WATT SPORTSMAN LED 2AA | VARTA 4 WATT LED OUTDOOR PRO 3C



1 Watt Sportsman LED 2AA  
18626



4 Watt LED Outdoor Pro 3C  
18627

VARTA 1 Watt Sportsman LED 2AA:

- 1 watt high performance LED flashlight with low energy consumption and high light output
- Impact and water resistant aluminium housing in an exclusive design
- Lanyard for optimal comfort during use

60m\* 0.25 lux 5h 45 lumens 1 WATT L.E.D.

VARTA 4 Watt LED Outdoor Pro 3C:

- Premium outdoor flashlight with CREE XR-E high performance LED that lasts approx. 50,000 hrs.
- 4 watts LED yields 180 lumens for an amazingly long beam range
- Water resistant anodized aluminium body provides extreme durability
- Rubber non-slip grip and lanyard for a comfortable and secure use
- Two light modes: 100% and energy saving mode

180m\* 0.25 lux UP TO 60h UP TO 180 lumens 4 WATT L.E.D.

| Type                      | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing           | Bulb equipment |
|---------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|--------------------------|--------------------------|------------------|-------------------------------|-------------------|----------------|
| 1 Watt Sportsman LED 2AA  | 1           | 135                | 280                 | 39                 | 227                | 168               | 36                  | 138              | incl. 2x LR6 High Energy | 18626 101 421            | 40 08496 67676 7 | 4                             | Aluminium         | 1 Watt LED     |
| 4 Watt LED Outdoor Pro 3C | 1           | 150                | 330                 | 44                 | 273                | 246               | 44                  | 219              | -                        | 18627 101 401            | 40 08496 67679 8 | 3                             | Aluminium, Rubber | 4 Watt LED     |

\*ANSI FL1 Standard

EASY LINE

POWER LINE

PROFESSIONAL LINE

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

VARTA 1 WATT LED SPORTS HEAD LIGHT 2AAA | VARTA INDUSTRIAL RUBBERMATE LED 2D



1 Watt LED Sports Head Light 2AAA  
18632



Industrial Rubbermate LED 2D  
18641

VARTA 1 Watt LED Sports Head Light 2AAA:

- 1 watt high performance LED produces 80 lumens
- Rotating diffuser lenses allow both - long beam range as well as close up flood light
- Red lens optimal for night vision
- Three light modes 100% output, 50% in battery-saving mode, and signal mode (hold button down for 3 seconds)
- Water and impact resistant for extreme conditions
- Adjustable head strap maximizes comfort

VARTA Industrial Rubbermate LED 2D:

- Water repellent high performance LED flashlight
- Resistant against chemical fluids such as oil, fuel and diesel
- Stepless adjustable spot-to-flood function
- Non-slip rubber grip
- Cree XP-E Q4 LED with 180 lumens (3 watts)
- Up to 5m shockproof
- Aluminium / durable plastic body material mix
- Extremely robust for intense use

90m\*  
0.25 lux

UP TO 16h

UP TO 80 lumens

1 WATT L.E.D.

146m\*  
0.25 lux

UP TO 11h

UP TO 180 lumens

3 WATT L.E.D.

| Type                              | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Depth (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing            | Bulb equipment |
|-----------------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|--------------------|----------------|
| 1 Watt LED Sports Head Light 2AAA | 1           | 100                | 230                 | 41                 | 106                | 40                | 65               | 40               | 58               | incl. 2x LR03 High Energy | 18632 101 421            | 40 08496 67780 1 | 4                             | ABS plastic        | 1 Watt LED     |
| Industrial Rubbermate LED 2D      | 1           | 150                | 330                 | 73                 | 594                | 210               | 68               | -                | 264              | incl. 2x LR20 High Energy | 18641 101 421            | 40 08496 67792 4 | 4                             | Aluminium, Plastic | 3 Watt LED     |

\* ANSI FL1 Standard

VARTA WORK LIGHT LED



Work Light LED 435  
18660

VARTA Work Light LED:

- High performance LED Cree XR-E with 190 lumens (4 watts)
- 2 light modes: 100% light output and 50% energy saving modus
- 145° swivel head with adjustable height
- Acid resistant and oil repellent
- Carry strap for ease of use
- Includes VARTA High Energy battery
- Spare parts: battery pack - Order No. 00435 101 111

430m\*  
0.25 lux

UP TO 250h

UP TO 190 lumens

4 WATT L.E.D.

| Type           | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Depth (mm) Leuchte | Weight (g) Torch | Batteries                    | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing   | Bulb equipment |
|----------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|--------------------|------------------|------------------------------|--------------------------|------------------|-------------------------------|-----------|----------------|
| Work Light LED | 1           | 280                | 390                 | 130                | 2100               | 240               | 80               | 295                | 660              | incl. 1x 4LR25-2 High Energy | 18660 101 421            | 40 08496 67801 3 | 2                             | Aluminium | 4 Watt LED     |

\* ANSI FL1 Standard

EASY LINE

POWER LINE

PROFESSIONAL LINE

EASY LINE

POWER LINE

PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

VARTA CAMPING LANTERN 4D | VARTA 4 WATT LED CAMPING LANTERN 3D



Camping Lantern 4D  
18662



4 Watt LED Camping Lantern 3D  
18663

VARTA Camping Lantern 4D:

- Beautifully shaped lantern with bright 9 watt fluorescent tube for 360° all around light
- Water-repellent casing made of ABS Plastic and rubber
- Handle can be extended for easier carrying

7m\* (360°) 0.25 lux 24h 130 lumens 9 WATT FLUORESCENT TUBE

VARTA 4 Watt LED Camping Lantern 3D:

- Ultra bright LED lantern for ultimate outdoor experiences
- Three high performance LEDs (=4 watt) with a total light output of 300 lumens for unbeatable
- Three light modes: high, low and strobe mode (after holding for 3 seconds)
- Water resistant for every weather condition
- Integrated hook in lantern base, ideal for hanging in tents when taking off at same time light cover
- Amazing 72 hrs. (in high mode) and 150 hrs. (in low mode) battery runtime
- Robust design made out of durable ABS plastic and rubber base
- Lays perfect in the hand due to rubberized handle

10m\* (360°) 0.25 lux UP TO 150h UP TO 300 lumens 4 WATT L.E.D.

| Type                          | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing             | Bulb equipment          |
|-------------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|-----------|--------------------------|------------------|-------------------------------|---------------------|-------------------------|
| 9 Watt Camping Lantern 4D     | 1           | 122                | 390                 | 118                | 667                | 273               | 117                 | 652              | -         | 18662 101 111            | 40 08496 67691 0 | 4                             | Rubber, ABS plastic | 9 Watt Fluorescent tube |
| 4 Watt LED Camping Lantern 3D | 1           | 122                | 355                 | 88                 | 432                | 185               | 88                  | 422              | -         | 18663 101 111            | 40 08496 67694 1 | 4                             | Rubber, ABS plastic | 3x1.3 Watt LED          |

\*ANSI FL1 Standard

VARTA 4 WATT LED ACCU LANTERN LED | VARTA RECHARGEABLE LANTERN LED



4 Watt LED Accu Lantern  
18681



Rechargeable Lantern LED  
18682

VARTA 4 Watt Accu Lantern LED:

- Rechargeable flashlight with environmentally friendly Ni-MH technology (2200 mAh) and powerful 4 watt high performance LED (150 lumens)
- 12 hours charging time
- 2 hours of light in constant operation
- Dual recharge with either AC/DC or car plug adaptor (included)
- LED charging indicator
- Rugged and water-repellent ABS housing with high resistant glass lens and rubber-coated lens covers
- Multi-adjustable rubber handle
- Tripod for hands-free usage (integrated in rubber handle)
- Carrying belt
- Spare parts: Ni-MH battery pack - Order No. 99034 504 491

372m\* 0.25 lux 2h 150 lumens 4 WATT L.E.D.

| Type                     | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Height (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries        | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing             | Bulb equipment          |
|--------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|-------------------|---------------------|------------------|------------------|--------------------------|------------------|-------------------------------|---------------------|-------------------------|
| 4 Watt LED Accu Lantern  | 1           | 283                | 395                 | 137                | 1465               | 223               | 163               | 135                 | 755              | incl. Ni-MH Accu | 18681 101 401            | 40 08496 67709 2 | 2                             | ABS plastic, Rubber | 4 Watt LED              |
| Rechargeable Lantern LED | 1           | 322                | 250                 | 130                | 1626               | 197               | -                 | 125                 | 431              | incl. Pb Accu    | 18682 101 401            | 40 08496 67712 2 | 2                             | ABS plastic         | CREE XR-E Q2 LED 3 Watt |

\*ANSI FL1 Standard

EASY LINE  
POWER LINE  
PROFESSIONAL LINE

EASY LINE  
POWER LINE  
PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

**VARTA INDESTRUCTIBLE 1 WATT LED LIGHT 3AAA |  
VARTA INDESTRUCTIBLE 1 WATT LED LIGHT 2AA**



Indestructible 1 Watt LED Light 3AAA  
18700



Indestructible 1 Watt LED Light  
2AA 18701

**VARTA Indestructible 1 Watt LED Light 3AAA:**

- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 120 lumens and 19 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability

**VARTA Indestructible 1 Watt LED Light 2AA:**

- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 100 lumens and 18 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability

**160m\***  
0.25 lux
 UP TO **40h**
 UP TO **120 lumens**
**1 WATT L.E.D.**

**150m\***  
0.25 lux
 UP TO **35h**
 UP TO **100 lumens**
**1 WATT L.E.D.**

| Type                             | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing   | Bulb equipment |
|----------------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|-----------|----------------|
| Indestructible 1W LED Light 3AAA | 1           | 100                | 230                 | 43                 | 196                | 136               | 41                  | 137              | incl. 3x LR03 High Energy | 18700 101 421            | 40 08496 68271 3 | 4                             | Aluminium | 1 Watt LED     |
| Indestructible 1W LED Light 2AA  | 1           | 135                | 280                 | 40                 | 234                | 164               | 38                  | 145              | incl. 2x LR6 High Energy  | 18701 101 421            | 40 08496 68274 4 | 4                             | Aluminium | 1 Watt LED     |

\*ANSI FL1 Standard

**VARTA INDESTRUCTIBLE 3 WATT LED LIGHT 3C |  
VARTA INDESTRUCTIBLE 3 WATT LED LANTERN 4C**



Indestructible 3 Watt LED Light 3C  
18702



Indestructible 3 Watt LED Lantern 4C  
18750

**VARTA Indestructible 3 Watt LED Light 3C:**

- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 140 lumens and 45 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability

**VARTA Indestructible 3 Watt Lantern 4C:**

- Extremely robust (4m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head
- High performance LED with special lens optics and two modes: 150 lumens and 50 lumens (energy saver)
- Electronic regulation for uniform light
- Designed for maximum durability

**140m\***  
0.25 lux
 UP TO **85h**
 UP TO **140 lumens**
**3 WATT L.E.D.**

**350m\***  
0.25 lux
 UP TO **78h**
 UP TO **150 lumens**
**3 WATT L.E.D.**

| Type                             | Flashlights | Width (mm) Blister | Height (mm) Blister | Depth (mm) Blister | Weight (g) Blister | Length (mm) Torch | Width (mm) Torch | Diameter (mm) Torch | Weight (g) Torch | Batteries                 | Order No./ Consumer unit | EAN / GTIN       | Minimum pieces/ shipment unit | Housing   | Bulb equipment |
|----------------------------------|-------------|--------------------|---------------------|--------------------|--------------------|-------------------|------------------|---------------------|------------------|---------------------------|--------------------------|------------------|-------------------------------|-----------|----------------|
| Indestructible 3W LED Light 3C   | 1           | 150                | 330                 | 50                 | 553                | 246               | -                | 48                  | 293              | incl. 3x LR14 High Energy | 18702 101 421            | 40 08496 68277 5 | 3                             | Aluminium | 3 Watt LED     |
| Indestructible 3W LED Lantern 4C | 1           | 180                | 240                 | 91                 | 884                | 147               | 84               | 132                 | 540              | incl. 4x LR14 High Energy | 18750 101 421            | 40 08496 68280 5 | 2                             | Aluminium | 3 Watt LED     |

\*ANSI FL1 Standard

EASY LINE  
POWER LINE  
PROFESSIONAL LINE

EASY LINE  
POWER LINE  
PROFESSIONAL LINE

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

NEW ANSI FL1 STANDARD



|                   |                 |                                     |
|-------------------|-----------------|-------------------------------------|
| <b>BEAM RANGE</b> | <b>RUN TIME</b> | <b>TOTAL LIGHT OUTPUT IN LUMENS</b> |
|                   |                 |                                     |

VARTA's comparable features according to ANSI

In August 2009 the American National Standards Institute (ANSI) has published the ANSI FL 1 "Flashlight Basic Performance" Standard (developed by the Flashlight Standards Committee) for the first time. Initially introduced for the United States it is on the way to become the first worldwide flashlight standard with fixed definitions and testing methods for flashlight basic performance as well as associated marking.

The clearly defined test methods and marking rules will help retailers and consumers to gain a clearer understanding of the performance. Furthermore they match very well to the overall idea of the VARTA Flashlight Relaunch 2011. Therefore VARTA has adapted its way of measuring the flashlights' performance to the new standard.

The American National Standards Institute (ANSI) is a private non-profit organization that oversees the development of voluntary consensus standards for products, services, processes, etc. in the United States. The organization coordinates U.S. standards with international standards, which allows international comparison.

VARTA's comparable features according to ANSI

- **Beam Range:** According to ANSI the beam range is measured as the distance between the flashlight and the point where the light beam is minimum 0.25 lux. With the relaunch 2011 VARTA adjusts its measuring method to this new standard. The VARTA beam range was previously measured at the point where the light beam was minimum 1 lux. Older VARTA beam range information needed to be doubled to match the new ANSI Standard.
- **Runtime:** Runtime is defined as the time span between turning on the light and the moment it only produces 10% of the initial light output. It is the battery lifetime of the flashlight in constant use without turning it off. VARTA has always measured to the 10% light output level, therefore, there are no changes to these measurements.
- **Total Light Output:** Total light output is measured in lumens. It is the total quantity of emitted light energy, considering the entire angular output of the flashlight.

With the Flashlight Relaunch 2011 VARTA will follow the ANSI Standard in any and all claims. Please be aware that only a true comparison is possible if other product follows the new standard as well. Missing ANSI information on the packaging might indicate that this product does not adhere to the same performance standard as VARTA.

With the Flashlight Relaunch 2011 VARTA simplifies the flashlight purchasing process, making it easy to compare any product performances.



GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



EASY LINE



|                    |                |                         |                         |                   |                    |                         |                        |                     |                |                   |                 |                       |                            |
|--------------------|----------------|-------------------------|-------------------------|-------------------|--------------------|-------------------------|------------------------|---------------------|----------------|-------------------|-----------------|-----------------------|----------------------------|
|                    | Spot Light 2AA | Mini Day Light LED 1AAA | Industrial Light LED 2D | LED Day Light 2AA | LED Pen Light 1AAA | LED Lipstick Light 1AAA | Trilogy LED Light 3AAA | Gelly LED Light 2AA | Profi Light 2C | Pocket Light 3R12 | Palm Light 3R12 | LED Silver Light 3AAA | XS Camping Lantern LED 4AA |
| Order Nr.          | 16600 101 401  | 16601 101 421           | 16604 101 401           | 16610 101 421     | 16611 101 421      | 16617 101 421           | 16615 101 421          | 16616 101 421       | 16623 101 401  | 16640 101 401     | 16645 101 421   | 16647 101 421         | 16664 101 111              |
| Battery            | for 2AA        | incl. 1AAA              | for 2D                  | incl. 2AA         | incl. 1AAA         | incl. 1AAA              | incl. 3AAA             | incl. 2AA           | for 2C         | for 3R12          | incl. 3R12      | incl. 3AAA            | for 4AA                    |
| Shipment Unit      | 6              | 6                       | 4                       | 6                 | 6                  | 6                       | 6                      | 6                   | 6              | 12                | 6               | 6                     | 4                          |
| Beam Range         | 44m            | 18m                     | 52m                     | 42m               | 11m                | 25m                     | 52m                    | 50m                 | 36m            | 34m               | 75m             | 56m                   | 3.2m                       |
| Runtime            | 2h             | 3.5h                    | 160h                    | 65h               | 15h                | 3h                      | 70h                    | 50h                 | 5h             | 3h                | 3.5h            | 12h                   | (up to) 15h                |
| Total Light Output | 14lm           | 9lm                     | 25lm                    | 25lm              | 3lm                | 19lm                    | 11lm                   | 6lm                 | 12lm           | 18lm              | 15lm            | 28lm                  | (up to) 24lm               |
| Light Source       | Krypton        | 5mm LED                 | 0.5 Watt LED            | 3x5mm LED         | 5mm LED            | 0.5 Watt LED            | 5mm LED                | 5mm LED             | Krypton        | Bulb              | Bulb            | 3x5mm LED             | 8x5mm LED                  |
| Details            | Page 45        | Page 45                 | Page 45                 | Page 47           | Page 47            | Page 47                 | Page 47                | Page 47             | Page 47        | Page 47           | Page 47         | Page 47               | Page 47                    |

POWER LINE



|                    |                  |                      |                        |                             |                        |                        |                                       |                                       |                       |                                  |                          |                        |                       |                         |                                 |                         |
|--------------------|------------------|----------------------|------------------------|-----------------------------|------------------------|------------------------|---------------------------------------|---------------------------------------|-----------------------|----------------------------------|--------------------------|------------------------|-----------------------|-------------------------|---------------------------------|-------------------------|
|                    | LED Day Light 2D | Swivel Light LED 2AA | 0.5 Watt LED Light 4AA | 1 Watt LED Outdoor Pro 3AAA | LED x4 Head Light 3AAA | Premium LED Light 3AAA | Indestructible LED x5 Head Light 3AAA | Indestructible 1W LED Head Light 3AAA | Premium LED Light 2AA | Industrial Focus Control LED 4AA | LED Flex Neck Light 2AAA | 0.5W LED Day Light 2AA | Industrial Lantern 4D | Dynamo Light LED        | Rechargeable Direct Plug In LED | LED Solar Light         |
| Order Nr.          | 17611 101 421    | 17622 101 421        | 17625 101 421          | 17628 101 421               | 17631 101 421          | 17634 101 421          | 17730 101 421                         | 17731 101 421                         | 17635 101 421         | 17640 101 421                    | 17646 101 421            | 17651 101 421          | 17652 101 111         | 17680 101 401           | 17682 101 401                   | 17690 101 401           |
| Battery            | incl. 2D         | incl. 2AA            | incl. 4AA              | incl. 3AAA                  | incl. 3AAA             | incl. 3AAA             | incl. 3AAA                            | incl. 3AAA                            | incl. 2AA             | incl. 4AA                        | incl. 2AAA               | incl. 2AA              | for 4D                | incl. 1 Lith-Ionen Akku | incl. NiMH-Akku                 | incl. 1 Lith-Ionen Akku |
| Shipment Unit      | 4                | 6                    | 4                      | 4                           | 4                      | 4                      | 4                                     | 4                                     | 4                     | 4                                | 4                        | 4                      | 4                     | 4                       | 4                               | 4                       |
| Beam Range         | 63m              | 40m                  | 68m                    | 50m                         | 18m                    | 36m                    | 24m                                   | 100m                                  | 100m                  | 132m                             | 56m                      | 45m                    | 110m                  | 26m                     | 20m                             | 24m                     |
| Runtime            | 140h             | 35h                  | 52h                    | (up to) 20h                 | (up to) 38h            | 13h                    | 40h                                   | 15h                                   | 4h                    | 4h                               | 17h                      | 6h                     | 14h                   | 1h                      | 1h                              | 2h                      |
| Total Light Output | 58lm             | 23lm                 | 20lm                   | (up to) 80lm                | (up to) 22lm           | 30lm                   | 35lm                                  | 100lm                                 | 60lm                  | 120lm                            | 30lm                     | 32lm                   | 75lm                  | 28lm                    | 15lm                            | 10lm                    |
| Light Source       | 7x5mm LED        | 0.5 Watt LED         | 0.5 Watt LED           | 1 Watt LED                  | 3x 5mm + 1x red LED    | 0.5 Watt LED           | 5x5mm LED                             | 1 Watt LED                            | 1 Watt LED            | 3 Watt LED                       | 0.5 Watt LED             | 0.5 Watt LED           | Krypton               | 3x5mm LED               | 3x5mm LED                       | 3x5mm LED               |
| Details            | Page 49          | Page 49              | Page 50                | Page 50                     | Page 51                | Page 50                | Page 51                               | Page 51                               | Page 52               | Page 52                          | Page 53                  | Page 52                | Page 53               | Page 53                 | Page 54                         | Page 54                 |

PROFESSIONAL LINE



|                    |                          |                           |                                   |                              |                             |                         |                               |                         |                          |                                  |                                 |                                |                                  |
|--------------------|--------------------------|---------------------------|-----------------------------------|------------------------------|-----------------------------|-------------------------|-------------------------------|-------------------------|--------------------------|----------------------------------|---------------------------------|--------------------------------|----------------------------------|
|                    | 1 Watt Sportsman LED 2AA | 4 Watt LED Outdoor Pro 3C | 1 Watt LED Sports Head Light 2AAA | Industrial Rubbermate LED 2D | Work Light LED 435          | Camping Lantern 4D      | 4 Watt LED Camping Lantern 3D | 4 Watt Accu Lantern LED | Rechargeable Lantern LED | Indestructible 1W LED Light 3AAA | Indestructible 1W LED Light 2AA | Indestructible 3W LED Light 3C | Indestructible 3W LED Lantern 4C |
| Order Nr.          | 18626 101 421            | 18627 101 401             | 18632 101 421                     | 18641 101 421                | 18660 101 421               | 18662 101 111           | 18663 101 111                 | 18681 101 401           | 18682 101 401            | 18700 101 401                    | 18701 101 421                   | 18702 101 421                  | 18750 101 421                    |
| Battery            | incl. 2AA                | for 3C                    | incl. 2AAA                        | incl. 2D                     | incl. 1x4LR25-2 High Energy | for 4D                  | for 3D                        | incl. 1xNiMH Akku       | incl. Pb Akku            | incl. 3AAA                       | incl. 2AA                       | incl. 3C                       | incl. 4C                         |
| Shipment Unit      | 4                        | 3                         | 4                                 | 4                            | 2                           | 4                       | 4                             | 2                       | 2                        | 4                                | 4                               | 3                              | 2                                |
| Beam Range         | 60m                      | 180m                      | 90m                               | 146m                         | 430m                        | 7m (360°)               | 10m (360°)                    | 372m                    | 300m                     | 160m                             | 150m                            | 140m                           | 350m                             |
| Runtime            | 5h                       | (up to) 60h               | (up to) 16h                       | (up to) 11h                  | (up to) 250h                | 24h                     | (up to) 150h                  | 2h                      | 10h                      | 40h                              | 35h                             | 85h                            | 78h                              |
| Total Light Output | 45lm                     | (up to) 180lm             | (up to) 80lm                      | (up to) 180lm                | (up to) 190lm               | 130lm                   | (up to) 300lm                 | 150lm                   | 150lm                    | 120lm                            | 100lm                           | 140lm                          | 150lm                            |
| Light Source       | 1 Watt LED               | 4 Watt LED                | 1 Watt LED                        | 3 Watt LED                   | 4 Watt LED                  | 9 Watt Fluorescent tube | 4 Watt LED                    | 4 Watt LED              | 3 Watt LED               | 1 Watt LED                       | 1 Watt LED                      | 3 Watt LED                     | 3 Watt LED                       |
| Details            | Page 55                  | Page 55                   | Page 56                           | Page 56                      | Page 57                     | Page 58                 | Page 58                       | Page 59                 | Page 59                  | Page 60                          | Page 60                         | Page 61                        | Page 61                          |

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

## LEDs ARE "WHAT'S NEW" IN FLASHLIGHT TECHNOLOGY

### What is an LED?

- LED stands for "Light Emitting Diode".
- It is not a bulb, it does not use a filament. It is a plastic sealed semi-conductor with phosphorous coating that produces light. The LED itself is a solid-state electronic device.
- LEDs are highly energy efficient and made without glass.
- Light beam is not created by heat, it is emitted directly from electrons (cold light).

### LEDs benefits

- Durable and virtually unbreakable
- Extremely energy efficient
- Resistant to heat, cold and shock
- LEDs last 50,000 – 100,000 hours



## LED TECHNOLOGY

### Measures of Comparison

- Millimeter: Indicates the size of the LED in diameter.
- Watts: Measures the electrical power consumption by a light.
- Lumens: Most dependable measure of a light's true output. The "standard" in light output.
- Lux (lx): Measure of the illuminance, shows how many lumens per square metre are reaching a certain surface. The Lux value is the most common known photometric unit and indicates very clearly the lighting condition at a special point.
- Candela (cd): Unit of the luminous intensity. It's the power emitted by a light source in a particular direction. A common candle emits light with a luminous intensity of roughly one candela (=1 lx in distance of 1 meter).



## LEDs vs. Incandescent Bulbs

### High Performance LEDs

### 5mm / Standard LEDs

### Incandescent Bulbs

- Virtually shatter proof and since they don't heat up they are very safe, won't crack and are vibration resistant (highly shock resistant)
- Very strong, white light (high colour temperature)
- High Performance LED last up to 50,000 hours
- Due to high performance suitable for long distances
- Focusing possible
- High efficiency regarding the relation between power consumption and true light output

- Virtually shatter proof and since they don't heat up they are very safe, won't crack and are vibration resistant (extremely resistant to shocks)
- Light is much whiter, sometimes slightly blue (high colour temperature)
- LED lasts quasi for the lifetime of the flashlight (up to 100,000 hours)
- For activities in low-distance (low performance approx. 150mW)
- Providing longer battery runtime due to high energy efficiency at lower performance

- Can break quite easily
- Light tends to be slightly red/yellow (low colour temperature)
- Bulb life cycle only 20 - 30 hours (the filament is a wearing part, it vaporises during its lifetime).
- Shorter battery lifetime due to extremely high power consumption

## Comparison of operation costs in 200 hours of service

### 2AA 5mm LED Flashlight

0 bulbs  
40-45 hrs runtime per battery set  
~ ca. 10 AA batteries/200hrs.

**Estimated costs\*: ~ 6%**

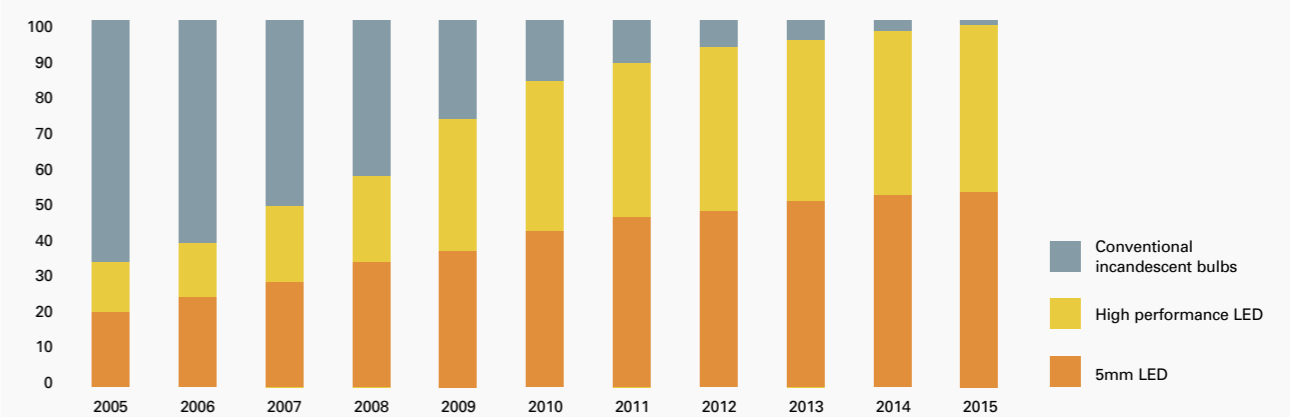
### 2AA Incandescent Bulb Flashlight

10 bulbs  
2-3 hrs runtime per battery set  
~ ca. 160 AA batteries/200 hrs.

**Estimated costs\*: ~ 100%**

\* Relating to end-consumer price

## LEDs: The lightsource of the future



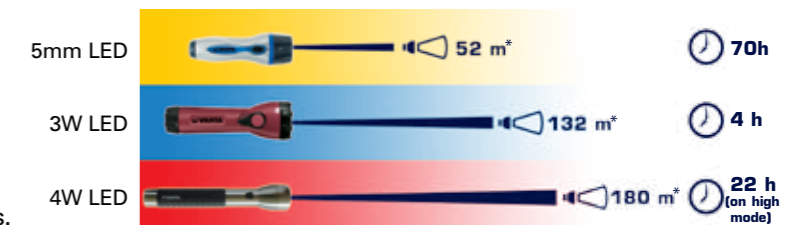
In 2015 about 98% of all sold flashlights will be equipped with LEDs.

## What makes LEDs so special?

The advantages of the LED flashlight speak for themselves:

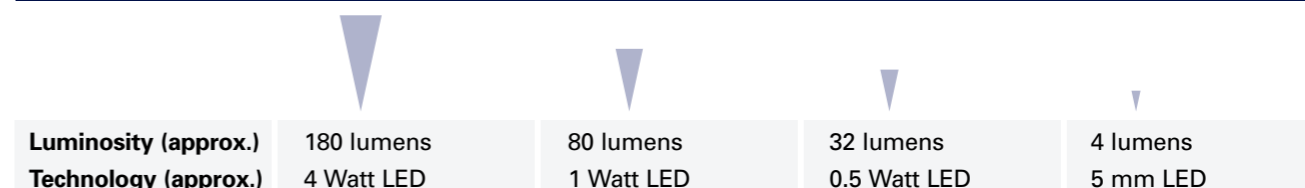
- up to 5x brighter light output
- up to 10x longer battery runtime

than conventional incandescent bulb flashlights.



\* according to new ANSI FL1 Standard

## Now better than ever before: The new LED technology from VARTA



GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

BULBS

The blister colours and pictograms as shown on the torch fittings:

- Red** = for flashlights with 1 and 2 batteries
- Green** = for flashlights with 3 batteries
- Blue** = for flashlights with 4 batteries and more

The labelling system above summarizes the type information



- The comprehensive selection of spare bulbs, including normal, krypton, halogen and xenon tops off the flashlight range
- The unique blister pack concept makes it easy to find the right bulb



LR03-LR6-LR14-LR20 / 1x 2R10

LR03-LR6-LR14-LR20 / 1x 3R8-3R12

LR03-LR6-LR14-LR20 / 1x 4R25/2

| Type                                       | 718            | 701            | 742            | 703                   | 720            | 714            | 749                   | 751                   | 752                   | 792                   | 721                  | 712                   | 794           |
|--|----------------|----------------|----------------|-----------------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|---------------|
| Normal bulbs for HIGH ENERGY Batteries     | 2.40 V; 0.50 A | 2.40 V; 0.30 A | 2.25 V; 0.25 A | 1.20 V; 0.30 A        | 3.70 V; 0.30 A | 3.50 V; 0.20 A |                       |                       |                       |                       |                      |                       |               |
| Krypton bulbs for HIGH ENERGY Batteries    |                |                |                | 704<br>2.30 V; 0.27 A |                |                | 749<br>2.20 V; 0.47 A | 751<br>2.40 V; 0.70 A | 752<br>3.60 V; 0.75 A | 792<br>4.80 V; 0.75 A | 721<br>4.80 V; 0.5 A | 712<br>4.80 V; 0.70 A |               |
| Fluorescent Tube for HIGH ENERGY Batteries |                |                |                | 705<br>2.60 V; 0.30 A |                |                |                       |                       |                       |                       |                      |                       | 794<br>9 Watt |

| Type | Voltage (V) | Technology       | Amperage (A) | Bulbs | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | Order-No./ Consumer unit | EAN/GTIN/ Consumer unit | Minimum pieces/ shipment unit | For VARTA flashlights   |
|------|-------------|------------------|--------------|-------|------------|-------------|------------|------------|--------------------------|-------------------------|-------------------------------|---|
| 701  | 2.40        | Normal           | 0.30         | 2     | 80         | 120         | 15         | 6          | 00701 000 402            | 40 08496 30122 5        | 10                            | 12670   |
| 703  | 1.20        | Normal           | 0.30         | 2     | 80         | 120         | 15         | 6          | 00703 000 402            | 40 08496 35111 4        | 10                            | 14600   |
| 704  | 2.30        | Normal           | 0.27         | 2     | 80         | 120         | 15         | 6          | 00704 000 402            | 40 08496 28688 1        | 10                            | -   |
| 705  | 2.60        | Normal           | 0.30         | 2     | 80         | 120         | 15         | 6          | 00705 000 402            | 40 08496 37927 9        | 10                            | 10613 (new: 16613)  |
| 712  | 4.80        | Krypton          | 0.70         | 2     | 80         | 120         | 15         | 9          | 00712 000 402            | 40 08496 34659 2        | 10                            | 12630   |
| 714  | 3.50        | Normal           | 0.20         | 2     | 80         | 120         | 15         | 8          | 00714 000 402            | 40 08496 21937 7        | 10                            | 604   |
| 718  | 2.40        | Normal           | 0.50         | 2     | 80         | 120         | 15         | 9          | 00718 000 402            | 40 08496 17602 1        | 10                            | 96605, 96607  |
| 720  | 3.70        | Normal           | 0.30         | 2     | 80         | 120         | 15         | 9          | 00720 000 402            | 40 08496 17605 2        | 10                            | 10645, 10640 (new: 16645, 16640)                                    |
| 721* | 4.80        | Krypton          | 0.50         | 1     | 80         | 120         | 15         | 8          | 00721 000 401            | 40 08496 55344 0        | 10                            | 13651   |
| 742  | 2.25        | Normal           | 0.25         | 2     | 80         | 120         | 15         | 9          | 00742 000 402            | 40 08496 10165 8        | 10                            | 13625, 14610  |
| 749  | 2.20        | Krypton          | 0.47         | 2     | 80         | 120         | 15         | 10         | 00749 000 402            | 40 08496 37938 5        | 10                            | 10614, 13640, 12603, 12622 (new: 17622)                             |
| 751  | 2.40        | Krypton          | 0.70         | 2     | 80         | 120         | 15         | 9          | 00751 000 402            | 40 08496 35978 3        | 10                            | 10600, 13601, 11610, 11611, 13600, 12604, 12623 (new: 16600, 16604) |
| 752  | 3.60        | Krypton          | 0.75         | 2     | 80         | 120         | 15         | 9          | 00752 000 402            | 40 08496 34648 6        | 10                            | 10646   |
| 792  | 4.80        | Krypton          | 0.75         | 2     | 80         | 120         | 15         | 9          | 00792 000 402            | 40 08496 34628 8        | 10                            | 12660, 12651 (new: 17652)   |
| 794  | -           | Fluorescent Tube | -            | 1     | 140        | 245         | 23         | 50         | 00794 000 401            | 40 08496 62725 7        | 5                             | 11662 (new: 18662)  |

\* available as long as stocks last

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



# PRODUCT DISPLAY SYSTEMS

Different solutions composed for you **individually**.



At **VARTA**, innovation as an ongoing process - especially for point of sale communication.

Take the **VARTA Battery Center**, an attractive display unit for offering centralized placement of batteries in high traffic areas. We further offer product display systems for counters, checkouts and for mounting on columns and gondola heads, some of which enable a 360° revolving product display. New battery-shaped displays have a strong eye-catching effect.

Displays encourage incremental impulse purchases in areas with high customer traffic, even in inconvenient locations and tiny spaces. Informative panels with an integrated battery cut-out and a basket for additional product placement make it easy for consumers to find the right battery.

For promotion at the POS, VARTA provides attractive materials for communication of the VARTA TriEnergy concept.

**VARTA product displays – placements that sell.**

## PRODUCT DISPLAY UNITS AS STANDALONE SYSTEMS



Battery Shaped Sales Stand, Metal  
9026 260 001  
delivered empty



Battery Shaped Sales Stand, Cardboard  
91560 112 050  
delivered empty



Battery Shaped Dispenser, Plastic  
9026 270 001  
delivered empty

- Eye-catching battery-shaped displays
- Maximum visibility at the POS

| Order No.     | Height (cm) | ground area (cm) | Hooks (incl.) |
|---------------|-------------|------------------|---------------|
| 9026 260 001  | 165         | 60x40            | 40            |
| 91560 112 050 | 172         | 60x40            | 32            |
| 9026 270 001  | 145         | 60x40            | -             |

### Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9026 295 220 | 20 cm       |

\* Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

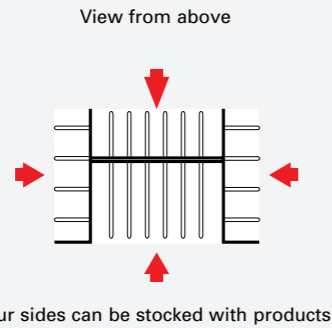
FLASHLIGHTS

DISPLAY SYSTEMS

PRODUCT DISPLAY UNITS AS STANDALONE SYSTEMS



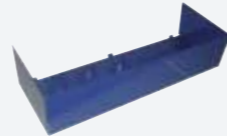
Small Battery Center  
9026 300 190



Four sides can be stocked with products



Metal Sales Stand, Metal  
9026 200 054

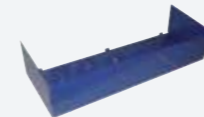


Basket  
9026 210 060

PRODUCT DISPLAY UNITS AS STANDALONE SYSTEMS



Metal Sales Stand, Metal  
9026 200 036



Basket  
9026 210 040

(set of 2 pcs.)



Side Panels, Metal  
9026 215 001



Side Panels installation optional  
sidewise (distant) or forward-facing

- Striking display units for centralized product placement
- Maximum visibility at the POS

- Attractive and highly profitable solutions for gondola end placement
- The high capacity offers a profitable full assortment garnishing
- Optional information panels (left and right)
- Optional basket for additional product placement

- Encourages impulse purchases in highly frequented consumer areas
- Can be used effectively even in inconvenient locations and small spaces
- Optional information panels (left and right)
- Optional basket for additional product placement

| Order No.    | Height (cm) | Ground area (cm) | Hooks (incl.) | Hook length (cm) – 54 pieces | Hook length (cm) – 130 pieces |
|--------------|-------------|------------------|---------------|------------------------------|-------------------------------|
| 9026 300 190 | 165         | 99x54            | 184           | 25                           | 200                           |

Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9026 295 220 | 20 cm       |
| 9026 295 225 | 25 cm       |

\* Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

| Order No.    | Height (cm) | ground area (cm) | Hooks (incl.) | Hook length (cm) |
|--------------|-------------|------------------|---------------|------------------|
| 9026 200 054 | 164         | 60x40            | 54            | 20               |
| 9026 200 036 | 164         | 40x40            | 36            | 20               |

Refill basket

| Order No.    | Height (cm) | Width (cm) | Depth (cm) |
|--------------|-------------|------------|------------|
| 9026 210 060 | 12.5        | 58.5       | 22         |
| 9026 210 040 | 12.5        | 39         | 22         |

Side Panels (compatible with sales stand 9026 200 054 and 9026 200 036)

| Order No.    | Height (cm) | Width (cm) | Depth (cm) |
|--------------|-------------|------------|------------|
| 9026 215 001 | 10.3        | 15.5       | 0.5        |

Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9026 295 220 | 20 cm       |

\*Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

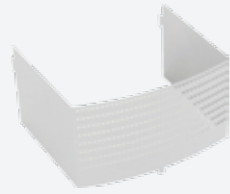
FLASHLIGHTS

DISPLAY SYSTEMS

## FLOOR DISPLAY | GONDOLA END PLACEMENT



Floor display  
9016 200 024



Basket for floor display  
9016 210 035

- Encourages impulse purchases in highly frequented consumer areas
- Can be used effectively even in inconvenient locations and small spaces
- Equipped with information panels (left and right)
- Optional basket for additional product placement

| Order No.    | Height (cm) | Width (cm) | Depth (cm) | Hooks (incl.) | Hook length (cm) |
|--------------|-------------|------------|------------|---------------|------------------|
| 9016 200 024 | 169         | 51         | 35         | 24            | 20               |

### Refill basket

| Order No.    | Height (cm) | Width (cm) | Depth (cm) |
|--------------|-------------|------------|------------|
| 9016 210 035 | 15          | 28         | 22         |

### Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9006 255 215 | 15 cm       |
| 9006 255 220 | 20 cm       |
| 9006 255 225 | 25 cm       |

\*Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

## COUNTER DISPLAY SYSTEMS



Counter display systems  
9016 100 012



Counter display systems  
9016 100 020

- Compact and space-saving presentation of round-cells, button cells or torches
- Also suitable for wall-mounting
- Maximum effect while using a minimum of space

| Order No.    | Height (cm) | Width (cm) | Depth (cm) | Hooks (incl.) | Hook length (cm) |
|--------------|-------------|------------|------------|---------------|------------------|
| 9016 100 012 | 55          | 37.5       | 20         | 12            | 15               |
| 9016 100 020 | 80          | 37.5       | 20         | 20            | 15               |

### Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9006 255 215 | 15 cm       |
| 9006 255 220 | 20 cm       |
| 9006 255 225 | 25 cm       |

\* Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

ROTATING PRODUCT DISPLAY SYSTEMS | FLASHLIGHT TESTING STATION



Rotating countertop product display  
9016 150 030



Flashlight Testing Station  
9016 930 001

- Attractive 360° product presentation that supports impulse purchases
- High yield thanks to optimum stock holding
- Eye-catcher

- High valuable acrylic counter display providing an attractive flashlight testing possibility for customers at the POS
- Can be also easily integrated within a hooks shelf as it can be fixed with two hooks and two cable ties to the back wall
- Made for 5 flashlights
- Includes materials to fix the flashlights against shop lifting + two cable ties
- Flashlights and the info panel with explanations to the specific flashlight have to be added individually

| Order No.    | Height (cm) | Diameter (cm) | Hooks (incl.) | Hook length (cm) |
|--------------|-------------|---------------|---------------|------------------|
| 9016 150 030 | 49          | 36.5          | 30            | 10               |

Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9006 255 210 | 10 cm       |
| 9006 255 215 | 15 cm       |

\* Shipping unit: 20 pieces/box

Testing Station

| Order No.    | Height (cm) | Width (cm) | Depth (cm) |
|--------------|-------------|------------|------------|
| 9016 930 001 | 130         | 460        | 345        |

If required, please contact your representative at VARTA Sales.

PRODUCT DISPLAY SYSTEMS FOR BUTTON CELLS



Lockable button-cell display unit  
9016 500 016



Button-cell display unit  
9016 100 008



Display for watch cells  
9016 800 001

- Space-saving flexible product presentation systems
- Button-cell display units also suitable for wall-mounting
- Maximum impact while occupying minimum space

- Individual product systems especially for watch cells

| Order No.    | Height (cm) | Width (cm) | Depth (cm) | Hooks (incl.) | Hook length (cm) |
|--------------|-------------|------------|------------|---------------|------------------|
| 9016 500 016 | 51          | 43         | 21         | 16            | 15               |
| 9016 100 008 | 41          | 15         | 12         | 8             | 8                |

Hook refills\*

| Order No.    | Hook length |
|--------------|-------------|
| 9006 255 210 | 10 cm       |

\* Shipping unit: 20 pieces/box

| Order No.    | Height (cm) | Width (cm) | Depth (cm) |
|--------------|-------------|------------|------------|
| 9016 800 001 | 3.8         | 28.7       | 21.8       |

If required, please contact your representative at VARTA Sales.

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

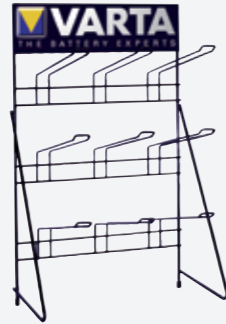
FLASHLIGHTS

DISPLAY SYSTEMS

PRODUCT DISPLAY BASIC SYSTEM



Product basic display system for counter  
9017 100 006



Product basic display system for counter  
9017 100 009



Wall placement  
9017 950 005



Floor placement  
9017 200 040

– Simple and space-saving presentation of roundcells

| Order-Nr.    | Height (cm) | Width (cm) | Depth (cm) | Hooks (fix) | Hooks length (cm) |
|--------------|-------------|------------|------------|-------------|-------------------|
| 9017 100 006 | 51          | 23.5       | 18         | 6           | 17                |
| 9017 100 009 | 51          | 31         | 22         | 9           | 20                |
| 9017 950 005 | 78.5        | 10         | 13         | 5           | 12                |
| 9017 200 040 | 164         | 40         | 35.5       | 40          | 20                |

If required, please contact your representative at VARTA Sales.

UNIVERSAL PRODUCT DISPLAY FOR SELF-SERVICE STORES



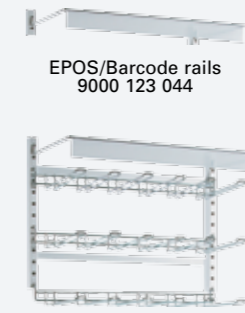
Basic module 140 cm\*  
9000 120 036



Shelf height 160 cm  
1 x 9000 120 036  
+1 x 9000 122 006



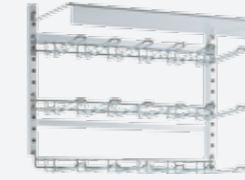
Shelf height 180 cm  
1 x 9000 120 036  
+1 x 9000 121 018



EPOS/Barcode rails  
9000 123 044



Light strip  
9000 123 004



Construction module 1  
9000 121 018



Construction module 2  
9000 122 006

– Product display unit in ready-to-assemble kit design

– Thanks to modular combinations, the height is adjustable from 140 cm to 220 cm

– No tools required for assembly

| Order No.    | Height (cm) | Width (cm) | Depth (cm) | Hooks (incl.)  | Hook length (cm) |
|--------------|-------------|------------|------------|--|------------------|
| 9000 120 036 | 140*        | 57         | 44.5       | 6 hooked racks with 6 hooks each<br>2 EPOS/Barcode rails | 25               |

\* Incl. crowner sign

| Order No.      | Height (cm) | Width (cm) | Depth (cm) | Hooks (incl.)   | Hook length (cm) |
|----------------|-------------|------------|------------|---|------------------|
| 9000 121 018   | 40          | 57         | -          | 3 hooked racks with 6 hooks each<br>1 EPOS/Barcode rail | 25               |
| 9000 122 006   | 20          | 57         | -          | 1 hooked rack with 6 hooks                              | 25               |
| 9000 123 044*  | -           | 57         | -          | -   | -                |
| 9000 123 004** | -           | 57         | -          | 4 adjustable hooks                                      | 25               |

\* Shipping unit: 4 scanning rails/box

\*\* Shipping unit: 4 light strips/box

If required, please contact your representative at VARTA Sales.

GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



### METAL SIGHT RAILS (HANG-UP)



Set of 2 rails with 9 hooks per rail  
9026 170 009



Set of 2 rails with 18 hooks per rail  
9026 170 018

- Space saving and easy to handle
- Perfect for every shelf: can be placed everywhere
- Supports impulse purchase in high frequency areas
- Guarantees efficient product rotation

#### Metal Sight Rails (Set of 2 rails, delivered empty)

| Order No.    | Height (cm) | Width (cm) | Hooks (incl.) per set | Hook length (cm) |
|--------------|-------------|------------|-----------------------|------------------|
| 9026 170 009 | 115         | 6.7        | 18                    | 20               |
| 9026 170 018 | 115         | 14.3       | 36                    | 20               |

### CLIP STRIPS PLASTIC | CLIP STRIPS CARDBOARD



Clip Strip Empty  
9050 112 002



Clip Strip 97600 HE AA/AAA  
97600 121 801  
delivered garnished



Clip Strip 97600 HE AA  
97600 121 811  
delivered garnished



Clip Strip 97601 HE AAA  
97601 112 811  
delivered garnished

- Space saving and easy to handle
- Perfect for every shelf: can be placed everywhere
- Supports impulse purchase in high frequency areas
- Guarantees efficient product rotation

#### Clip Strips Plastic (empty)

| Type  | Clip Strips per packaging | Batteries per Blister | Packaging size |             |            |            |                   |              | EAN/GTIN Consumer unit | Order No. |
|---|---------------------------|-----------------------|----------------|-------------|------------|------------|-------------------|--------------|------------------------|-----------|
|   |                           |                       | Width (mm)     | Height (mm) | Depth (mm) | Weight (g) |                   |              |                        |           |
| Clip Strip Empty<br>(to fit 10 blister per clip strip)<br>Size of clip strip 820 x 65mm | 10                        | -                     | 240            | 78          | 297        | 548        | 40 08496 714 97 1 | 9050 112 002 |                        |           |

#### Clip Strips Cardboard (including batteries)

| Type                       | Content: Blister per Innercarton | Batteries per Blister | Packaging size |             |            |            |                  |               | EAN/GTIN Consumer unit | Order No. |
|----------------------------|----------------------------------|-----------------------|----------------|-------------|------------|------------|------------------|---------------|------------------------|-----------|
|                            |                                  |                       | Width (mm)     | Height (mm) | Depth (mm) | Weight (g) |                  |               |                        |           |
| Clip Strip 97600 HE AA/AAA | 8 x AAA<br>12 x AA               | 4                     | 160            | 142         | 172        | 1772       | 40 08496 63086 8 | 97600 121 801 |                        |           |
| Clip Strip 97600 HE AA     | 20 x AA                          | 4                     | 160            | 142         | 172        | 2176       | 40 08496 66680 5 | 97600 121 811 |                        |           |
| Clip Strip 97601 HE AAA    | 20 x AAA                         | 4                     | 160            | 142         | 172        | 1186       | 40 08496 66613 3 | 97601 112 811 |                        |           |

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GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS

**BULK DISPLAYS (CARDBOARD AND METAL)**

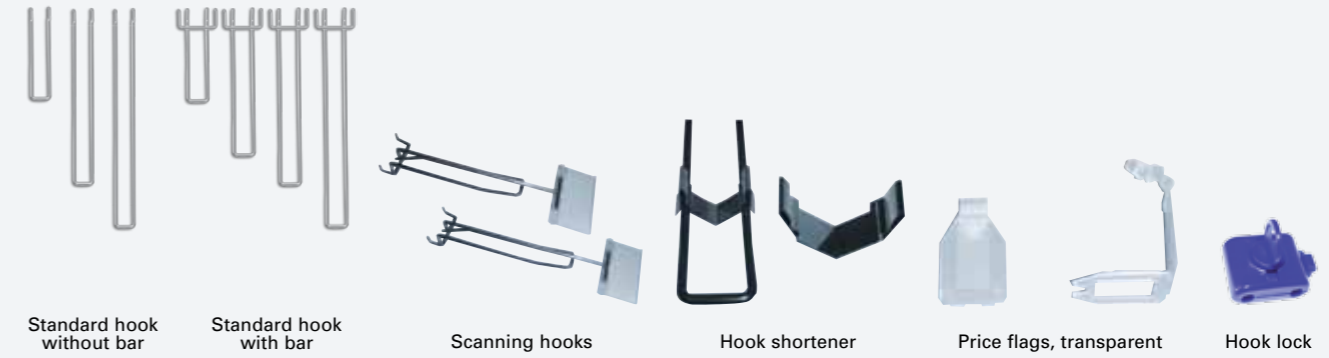


Low cost bulk display empty  
98000 112 811



Cardboard bulk display empty  
98000 112 801

**PRODUCT DISPLAY UNIT ACCESSORIES**



**– Empty bulk display: made of cardboard or metal**

| Type                          | Width (mm) | Height (mm) | Depth (mm) | Weight (g) | EAN/GTIN<br>Consumer unit | Order No.     |
|-------------------------------|------------|-------------|------------|------------|---------------------------|---------------|
| Low cost bulk display empty*  | 585        | 785         | 800        | 4600       | 40 08496 66652 2          | 98000 112 811 |
| Bulk display empty cardboard* | 520        | 800         | 600        | 3495       | 40 08496 63322 7          | 98000 112 801 |

\*Dimensions for assembled displays

If required, please contact your representative at VARTA Sales.

| Order No.    | Type                      | Hook length (cm) | Shipping unit<br>pieces/box | Dimensions (cm)        |
|--------------|---------------------------|------------------|-----------------------------|------------------------|
| 9006 255 210 | Standard hook without bar | 10               | 20                          | -                      |
| 9026 295 220 | Standard hook without bar | 20               | 20                          | -                      |
| 9026 295 225 | Standard hook without bar | 25               | 20                          | -                      |
| 9006 295 210 | Standard hook with bar    | 10               | 20                          | -                      |
| 9006 255 215 | Standard hook with bar    | 15               | 20                          | -                      |
| 9006 255 220 | Standard hook with bar    | 20               | 20                          | -                      |
| 9006 255 225 | Standard hook with bar    | 25               | 20                          | -                      |
| 9006 256 220 | Scanning hooks            | 20               | 30                          | 5.2 x 4<br>Scanner bag |
| 9006 256 225 | Scanning hooks            | 25               | 30                          | 5.2 x 4<br>Scanner bag |
| 9000 036 060 | Hook shortener            | -                | 50                          | -                      |
| 9000 033 005 | Price flags, transparent  | -                | 100                         | 2.7 x 2.7              |
| 9016 700 001 | Hook lock                 | -                | 10 pcs. /<br>poly bag       | 5 x 2 x 3.5            |

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GENERAL PURPOSE

RECHARGEABLE

PROFESSIONAL

BUTTON CELLS

FLASHLIGHTS

DISPLAY SYSTEMS



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