

LED LENSER® KEYSTONE



FIAMM

Energizer

COMPIT
Inhome
Products.

Camelion

ANS-MANN
energy

VARTA

TADIRAN
BATTERIES

SANYO

Panasonic
ideas for life

multipower

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for AAA Cells

NEW KEYSTONE

Dimensions (mm)



BK204

BK238

BK202

BK82

BK5203

BK5204

BK5213

| Item: | KEYSTONE-Item: | ≥ 1 | ≥ 50 | ≥ 100 |
|--------|----------------|------|------|-------|
| BK204 | 204 | 0,17 | 0,15 | 0,14 |
| BK238 | 238 | 0,15 | 0,13 | 0,12 |
| BK202 | 202 | 0,25 | 0,22 | 0,21 |
| BK82 | 82 | 0,20 | 0,18 | 0,17 |
| BK5203 | 5203 | 0,26 | 0,23 | 0,21 |
| BK5204 | 5204 | 0,19 | 0,16 | 0,15 |
| BK5213 | 5213 | 0,23 | 0,20 | 0,19 |

Detailed datasheets are available on request!

for AA Cells

NEW KEYSTONE

Dimensions (mm)



BK228

BK210

BK290

BK92

BK5231

BK628

BK5209

BK5221

BK5201

BK5212

| Item: | KEYSTONE-Item: | ≥ 1 | ≥ 50 | ≥ 100 |
|--------|----------------|------|------|-------|
| BK228 | 228 | 0,12 | 0,11 | 0,10 |
| BK210 | 210 | 0,24 | 0,21 | 0,20 |
| BK290 | 290 | 0,23 | 0,20 | 0,19 |
| BK92 | 92 | 0,20 | 0,17 | 0,16 |
| BK5231 | 5231 | 0,16 | 0,14 | 0,13 |
| BK628 | 628 | 0,28 | 0,25 | 0,23 |
| BK5209 | 5209 | 0,31 | 0,27 | 0,26 |
| BK5221 | 5221 | 0,24 | 0,21 | 0,19 |
| BK5201 | 5201 | 0,15 | 0,13 | 0,12 |
| BK5212 | 5212 | 0,29 | 0,25 | 0,23 |

Detailed datasheets are available on request!

Batteries

Button Cells

Dimensions (mm)

KEYSTONE **NEW**



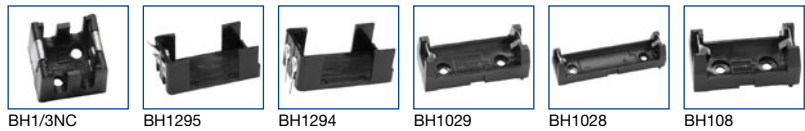
| Item: | L: | W: | H: | KEYSTONE-Item: | ≥ 1 | ≥ 50 | ≥ 100 |
|--------|-------|-------|-------|----------------|------|------|-------|
| BH500 | 19.05 | 15.06 | 11.04 | 500 | 0,84 | 0,74 | 0,69 |
| BH502 | 22.78 | 19.05 | 11.68 | 502 | 1,07 | 0,93 | 0,87 |
| BH1066 | 27.67 | 23.01 | 12.32 | 1066 | 0,80 | 0,70 | 0,65 |
| BH103 | 28.69 | 22.76 | 13.05 | 103 | 0,96 | 0,84 | 0,78 |
| BH106 | 30.96 | 27.76 | 13.05 | 106 | 1,00 | 0,87 | 0,81 |
| BH105 | 30.96 | 27.76 | 13.05 | 105 | 1,07 | 0,93 | 0,87 |
| BH1061 | 25.78 | 22.76 | 6.50 | 1061 | 1,28 | 1,12 | 1,04 |

Detailed datasheets are available on request!

Special

Dimensions (mm)

KEYSTONE **NEW**



| Item: | for Type: | L: | W: | H: | KEYSTONE-Item: | ≥ 1 | ≥ 50 | ≥ 100 |
|---------|------------------------------|-------|-------|-------|----------------|------|------|-------|
| BH108 | 1/2 AA | 34.54 | 16.26 | 18.8 | 108 | 1,22 | 1,07 | 0,99 |
| BH1028 | AA | 59.94 | 16.26 | 18.8 | 1028 | 1,37 | 1,20 | 1,12 |
| BH1029 | 2/3 AA | 43.18 | 18.29 | 18.8 | 1029 | 1,24 | 1,08 | 1,01 |
| BH1294 | 9 V-Block | 53.85 | 29.57 | 21.02 | 1294 | 1,65 | 1,44 | 1,35 |
| BH1295 | 9 V-Block with Soldering tag | 53.85 | 29.57 | 21.02 | 1295 | 1,45 | 1,26 | 1,18 |
| BH1/3NC | CR 1/3 | 0.63 | 0.60 | 0.65 | BH 1/3NC | 1,26 | 1,08 | 1,02 |

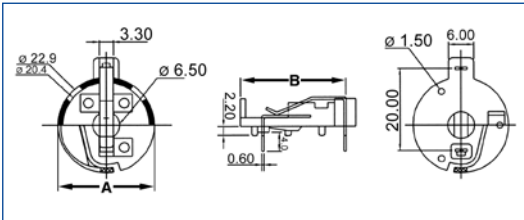
Detailed datasheets are available on request!

Button Cells



for example lithium-batteries with 20 and so forth 23 mm respectively diameter, print-mounting

Dimensions (mm)



| Item: | A: | B: | ≥ 1 | ≥ 50 | ≥ 100 |
|---------|------|------|-------|-------|-------|
| LBH20P | 22.9 | 28.0 | 0,340 | 0,299 | 0,287 |
| LBH23P | 25.5 | 29.0 | 0,652 | 0,576 | 0,552 |
| LBH2032 | 22.8 | 27.3 | 0,254 | 0,229 | 0,223 |

Open

Dimensions (mm)



| Item: | Description: | for Typ: | L: | W: | H: | ≥ 1 | ≥ 10 | ≥ 50 |
|---------|---------------|-------------|-------|-------|------|------|------|------|
| 2XUM4P | P.C. pin | 2 x micro | 51.0 | 24.0 | 13.0 | 0,30 | 0,28 | 0,23 |
| 4XUM4P | P.C. pin | 4 x micro | 51.0 | 47.0 | 13.0 | 0,56 | 0,53 | 0,43 |
| 2XUM4L | Soldering tag | 2 x micro | 51.0 | 24.0 | 13.0 | 0,31 | 0,29 | 0,24 |
| 1XUM3C | Snap terminal | 1 x mignon | 57.0 | 14.0 | 16.5 | 0,14 | 0,13 | 0,11 |
| 1XUM3L | Soldering tag | 1 x mignon | 56.0 | 14.0 | 16.5 | 0,17 | 0,15 | 0,13 |
| 1XUM3P | P.C. pin | 1 x mignon | 56.0 | 30.0 | 15.0 | 0,21 | 0,19 | 0,18 |
| 2XUM3C1 | Snap terminal | 2 x mignon | 57.0 | 25.0 | 15.0 | 0,22 | 0,19 | 0,18 |
| 2XUM3C2 | Snap terminal | 2 x mignon | 57.0 | 25.0 | 15.0 | 0,22 | 0,20 | 0,17 |
| 2XUM3P | P.C. pin | 2 x mignon | 57.0 | 30.0 | 15.0 | 0,39 | 0,36 | 0,34 |
| 3XUM3P | P.C. pin | 3 x mignon | 58.0 | 49.0 | 17.0 | 0,47 | 0,42 | 0,40 |
| 4XUM3C1 | Snap terminal | 4 x mignon | 58.0 | 60.0 | 16.0 | 0,34 | 0,30 | 0,29 |
| 4XUM3Q | Snap terminal | 4 x mignon | 57.2 | 27.0 | 31.5 | 0,31 | 0,28 | 0,27 |
| 4XUM3P | P.C. pin | 4 x mignon | 58.0 | 62.0 | 17.0 | 0,50 | 0,44 | 0,43 |
| 6XUM3Q | Snap terminal | 6 x mignon | 58.5 | 45.0 | 29.5 | 0,42 | 0,37 | 0,36 |
| 8XUM3Q | Snap terminal | 8 x mignon | 58.5 | 59.5 | 29.5 | 0,47 | 0,43 | 0,41 |
| 10XUM3Q | Snap terminal | 10 x mignon | 58.5 | 76.0 | 29.5 | 0,81 | 0,79 | 0,74 |
| 1XUM2L | Soldering tag | 1 x baby | 61.5 | 29.4 | 25.2 | 0,36 | 0,32 | 0,30 |
| 2XUM2C | Snap terminal | 2 x baby | 60.9 | 55.7 | 24.0 | 0,35 | 0,31 | 0,30 |
| 4XUM2C1 | Snap terminal | 4 x baby | 109.3 | 54.0 | 25.7 | 0,47 | 0,42 | 0,40 |
| 4XUM2C2 | Snap terminal | 4 x baby | 60.9 | 111.0 | 24.0 | 1,12 | 0,99 | 0,95 |
| 1XUM1L | Soldering tag | 1 x mono | 69.0 | 35.6 | 26.5 | 0,34 | 0,30 | 0,29 |
| 1XUM1C | Snap terminal | 1 x mono | 70.6 | 35.6 | 26.5 | 0,31 | 0,28 | 0,26 |
| 2XUM1C | Snap terminal | 2 x mono | 70.6 | 71.3 | 26.8 | 0,52 | 0,46 | 0,44 |
| 4XUM1C | Snap terminal | 4 x mono | 130.5 | 71.0 | 32.5 | 0,91 | 0,81 | 0,77 |

Closed



3XUM4G



2XUM3GS



3XUM3G

- ▶ closed housing with 15 cm lead cable
- ▶ mignon types with additional screw and optional ON/OFF switch

Dimensions (mm)



3XUM3GS

| Item: | for Typ: | Switch: | Screw: | L: | W: | H: | ≥ 1 | ≥ 10 | ≥ 50 |
|----------------|------------|---------|--------|------|------|------|------|------|------|
| 3XUM4G | 3 x micro | no | no | 54.0 | 37.5 | 15.0 | 0,61 | 0,56 | 0,54 |
| 2XUM3GS | 2 x mignon | yes | yes | 68.0 | 33.0 | 18.5 | 0,49 | 0,44 | 0,42 |
| 3XUM3G | 3 x mignon | no | yes | 69.0 | 48.0 | 18.5 | 0,59 | 0,53 | 0,50 |
| 3XUM3GS | 3 x mignon | yes | yes | 69.0 | 48.0 | 18.5 | 0,59 | 0,53 | 0,50 |

Batteryholder

Lead-Clips

9 V



I9V



I9VB

9 V - clips with approx 11 cm long lead cable



T9V



T9VB

| Item: | Description: | ≥ 1 | ≥ 100 | ≥ 500 |
|-------------|--------------|-------|-------|-------|
| I9V | I-form | 0,129 | 0,112 | 0,106 |
| I9VB | I-form | 0,223 | 0,194 | 0,184 |
| T9V | T-form | 0,116 | 0,103 | 0,099 |
| T9VB | T-form | 0,223 | 0,194 | 0,184 |

Camelion

- ▶ max. efficiency
- ▶ long-lasting
- ▶ long shelf life

▶ Specification:

System: Alkali

Dimensions (mm)

Camelion **NEW**

AG13BP10C

AG8BP10C

AG0BP10C

| | | | | | | | |
|------|--------|-----|------|-----|-------|-----|---------|
| AG13 | LR44 | G13 | LR44 | A76 | GP76A | 357 | SR44W |
| AG12 | LR43 | G12 | LR43 | 186 | GP86A | 386 | SR43W |
| AG11 | LR721 | G11 | LR58 | 162 | GP62A | 362 | SR721W |
| AG10 | LR1130 | G10 | LR54 | 189 | GP89A | 389 | SR1130W |
| AG9 | LR936 | G9 | LR45 | 194 | GP94A | 394 | SR936W |
| AG8 | LR1120 | G8 | LR55 | 191 | GP91A | 391 | SR1120W |
| AG7 | LR926 | G7 | LR57 | 195 | GP95A | 395 | SR927W |
| AG6 | LR921 | G6 | LR69 | 171 | GP71A | 371 | SR920W |
| AG5 | LR754 | G5 | LR48 | 193 | GP93A | 393 | SR754W |
| AG4 | LR626 | G4 | LR66 | 177 | GP77A | 377 | SR626W |
| AG3 | LR41 | G3 | LR41 | 192 | GP92A | 392 | SR41W |
| AG2 | LR726 | G2 | LR59 | 196 | GP96A | 396 | SR726W |
| AG1 | LR621 | G1 | LR60 | 164 | GP64A | 364 | SR621W |
| AG0 | LR521 | G0 | | | | 379 | SR521W |

Checklist

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 10 | ≥ 50 | ≥ 100 |
|-----------|----------|--------------|------|---------|-------|-------|-------|
| AG0BP10C | 1.5 V | 9 mAh | 5.8 | 2.15 | 0,064 | 0,062 | 0,060 |
| AG1BP10C | 1.5 V | 13 mAh | 6.6 | 2.15 | 0,064 | 0,062 | 0,060 |
| AG2BP10C | 1.5 V | 25 mAh | 7.85 | 2.5 | 0,064 | 0,062 | 0,060 |
| AG3BP10C | 1.5 V | 28 mAh | 7.9 | 3.6 | 0,064 | 0,062 | 0,060 |
| AG4BP10C | 1.5 V | 18 mAh | 6.8 | 2.6 | 0,064 | 0,062 | 0,060 |
| AG5BP10C | 1.5 V | 53 mAh | 7.9 | 5.4 | 0,064 | 0,062 | 0,060 |
| AG6BP10C | 1.5 V | 30 mAh | 9.5 | 2.15 | 0,064 | 0,062 | 0,060 |
| AG7BP10C | 1.5 V | 34 mAh | 9.5 | 2.6 | 0,064 | 0,062 | 0,060 |
| AG8BP10C | 1.5 V | 42 mAh | 11.6 | 2.15 | 0,064 | 0,062 | 0,060 |
| AG9BP10C | 1.5 V | 50 mAh | 9.5 | 3.6 | 0,064 | 0,062 | 0,060 |
| AG10BP10C | 1.5 V | 80 mAh | 11.6 | 3.1 | 0,064 | 0,062 | 0,060 |
| AG11BP10C | 1.5 V | 21 mAh | 7.9 | 2.15 | 0,064 | 0,062 | 0,060 |
| AG12BP10C | 1.5 V | 108 mAh | 11.6 | 4.2 | 0,064 | 0,062 | 0,060 |
| AG13BP10C | 1.5 V | 138 mAh | 11.6 | 5.4 | 0,064 | 0,062 | 0,060 |

GP



for calculator and pocket computer games

- ▶ **Specification:**
- System:** Alkali
- Dimensions (mm)**

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|--------------|------|---------|-------|-------|-------|
| 76A | 1.5 V | 110 mAh | 11.6 | 5.4 | 0,178 | 0,157 | 0,147 |
| 86A | 1.5 V | 70 mAh | 11.6 | 4.2 | 0,151 | 0,134 | 0,129 |
| 89A | 1.5 V | 44 mAh | 11.6 | 3.05 | 0,185 | 0,164 | 0,157 |

VARTA

NEW

Get down to the cellular level: Tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances.

- ▶ **Specification:**
- System:** Alkali
- Dimensions (mm)**



V10GA



V12GA



V13GA



V23GA



V4001

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|--------------|------|---------|------|------|------|
| V10GA | 1.5 V | 50 mAh | 11.6 | 3.05 | 0,62 | 0,54 | 0,50 |
| V12GA | 1.5 V | 80 mAh | 11.6 | 4.2 | 0,62 | 0,54 | 0,50 |
| V13GA | 1.5 V | 125 mAh | 11.6 | 5.4 | 0,53 | 0,46 | 0,43 |
| V23GA | 12.0 V | 38 mAh | 10.3 | 28.5 | 0,85 | 0,77 | 0,74 |
| V4001 | 1.5 V | 880 mAh | 12.0 | 30.2 | 0,88 | 0,77 | 0,72 |

Low Cost

Brand Golden Power or similar

► **Specification:**

System: Alkali

Dimensions (mm)



| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|--------------|------|---------|-------|-------|-------|
| 357LC | 1.55 V | 165 mAh | 11.6 | 5.4 | 0,169 | 0,148 | 0,138 |
| 386LC | 1.55 V | 105 mAh | 11.6 | 4.2 | 0,169 | 0,148 | 0,138 |
| 389LC | 1.55 V | 85 mAh | 11.6 | 3.05 | 0,113 | 0,098 | 0,092 |
| 392LC | 1.5 V | 38 mAh | 7.9 | 3.6 | 0,113 | 0,098 | 0,092 |
| 393LC | 1.5 V | 65 mAh | 7.9 | 5.4 | 0,113 | 0,098 | 0,092 |

Button Cells

Silver oxide

Camelion

- leakproof
- economical
- reliable

► **Specification:**

System: Silver oxide

Dimensions (mm)

Camelion NEW



SR66WBP1C



SR59WBP1C



SR41WBP1C

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 40 | ≥ 120 |
|-----------|----------|--------------|------|---------|-------|-------|-------|
| SR41WBP1C | 1.55 V | 42 mAh | 7.9 | 3.6 | 0,264 | 0,256 | 0,245 |
| SR43BP1C | 1.55 V | 120 mAh | 11.6 | 4.2 | 0,248 | 0,240 | 0,230 |
| SR44BP1C | 1.55 V | 165 mAh | 11.6 | 5.4 | 0,314 | 0,304 | 0,291 |
| SR54BP1C | 1.55 V | 70 mAh | 11.6 | 3.1 | 0,264 | 0,256 | 0,245 |
| SR57WBP1C | 1.55 V | 36.9 mAh | 9.5 | 2.6 | 0,264 | 0,256 | 0,245 |
| SR58WBP1C | 1.55 V | 24 mAh | 7.9 | 2.1 | 0,281 | 0,272 | 0,260 |
| SR59WBP1C | 1.55 V | 30 mAh | 7.9 | 2.65 | 0,231 | 0,224 | 0,214 |
| SR60WBP1C | 1.55 V | 23 mAh | 6.8 | 2.15 | 0,231 | 0,224 | 0,214 |
| SR63WBP1C | 1.55 V | 14 mAh | 5.8 | 2.15 | 0,297 | 0,288 | 0,275 |
| SR66WBP1C | 1.55 V | 25 mAh | 6.8 | 2.6 | 0,248 | 0,240 | 0,230 |
| SR69WBP1C | 1.55 V | 44 mAh | 9.2 | 2.1 | 0,297 | 0,288 | 0,275 |

VARTA Electronic



most common batteries for watch, calculator, pocket computer games and so forth

► **Specification:**

System: Silver oxide

Dimensions (mm)

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|--------------|------|---------|------|------|------|
| V301 | 1.55 V | 115 mAh | 11.6 | 4.2 | 1,01 | 0,92 | 0,89 |
| V303 | 1.55 V | 170 mAh | 11.6 | 5.4 | 1,01 | 0,92 | 0,89 |
| V309 | 1.55 V | 70 mAh | 7.9 | 5.4 | 1,01 | 0,92 | 0,89 |
| V315 | 1.55 V | 20 mAh | 7.9 | 1.6 | 0,60 | 0,55 | 0,53 |
| V317 | 1.55 V | 8 mAh | 5.8 | 1.6 | 0,65 | 0,60 | 0,57 |
| V319 | 1.55 V | 16 mAh | 5.8 | 2.7 | 0,65 | 0,60 | 0,57 |
| V321 | 1.55 V | 13 mAh | 6.8 | 1.6 | 0,65 | 0,60 | 0,57 |
| V329 | 1.55 V | 36 mAh | 7.9 | 3.1 | 0,65 | 0,60 | 0,57 |
| V335 | 1.55 V | 5 mAh | 5.8 | 1.25 | 1,63 | 1,49 | 1,43 |
| V339 | 1.55 V | 11 mAh | 6.8 | 1.4 | 1,63 | 1,49 | 1,43 |
| V341 | 1.55 V | 11 mAh | 7.9 | 1.4 | 1,01 | 0,92 | 0,89 |
| V344 | 1.55 V | 100 mAh | 11.6 | 3.6 | 1,01 | 0,92 | 0,89 |
| V346 | 1.55 V | 10 mAh | 7.9 | 1.29 | 1,65 | 1,50 | 1,44 |
| V350 | 1.55 V | 100 mAh | 11.6 | 3.6 | 1,01 | 0,92 | 0,89 |
| V357 | 1.55 V | 155 mAh | 11.6 | 5.4 | 0,72 | 0,66 | 0,63 |
| V361 | 1.55 V | 18 mAh | 7.9 | 2.1 | 0,65 | 0,60 | 0,57 |
| V362 | 1.55 V | 21 mAh | 7.9 | 2.1 | 0,41 | 0,37 | 0,36 |
| V364 | 1.55 V | 20 mAh | 6.8 | 2.1 | 0,37 | 0,34 | 0,33 |
| V370 | 1.55 V | 30 mAh | 9.5 | 2.1 | 0,65 | 0,60 | 0,57 |
| V371 | 1.55 V | 32 mAh | 9.5 | 2.1 | 0,41 | 0,37 | 0,36 |
| V373 | 1.55 V | 23 mAh | 9.5 | 1.6 | 0,65 | 0,60 | 0,57 |
| V377 | 1.55 V | 27 mAh | 6.8 | 2.6 | 0,37 | 0,34 | 0,33 |
| V379 | 1.55 V | 14 mAh | 5.8 | 2.1 | 0,52 | 0,48 | 0,46 |
| V381 | 1.55 V | 45 mAh | 11.6 | 2.1 | 0,65 | 0,60 | 0,57 |
| V384 | 1.55 V | 38 mAh | 7.9 | 3.6 | 0,65 | 0,60 | 0,57 |
| V386 | 1.55 V | 105 mAh | 11.6 | 4.2 | 1,01 | 0,92 | 0,89 |
| V389 | 1.55 V | 85 mAh | 11.6 | 3.0 | 1,01 | 0,92 | 0,89 |
| V390 | 1.55 V | 80 mAh | 11.6 | 3.0 | 0,68 | 0,63 | 0,60 |
| V391 | 1.55 V | 40 mAh | 11.6 | 2.1 | 0,65 | 0,60 | 0,57 |
| V392 | 1.55 V | 38 mAh | 7.9 | 3.6 | 0,41 | 0,37 | 0,36 |
| V393 | 1.55 V | 65 mAh | 7.9 | 5.4 | 0,55 | 0,51 | 0,49 |
| V394 | 1.55 V | 67 mAh | 9.5 | 3.6 | 1,01 | 0,92 | 0,89 |
| V395 | 1.55 V | 42 mAh | 9.5 | 2.7 | 0,47 | 0,43 | 0,41 |
| V396 | 1.55 V | 25 mAh | 7.9 | 2.6 | 0,65 | 0,60 | 0,57 |
| V397 | 1.55 V | 30 mAh | 7.9 | 2.6 | 0,65 | 0,60 | 0,57 |
| V399 | 1.55 V | 42 mAh | 9.5 | 2.7 | 0,65 | 0,60 | 0,57 |

VARTA Professional Electronic

Get down to the cellular level: Tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances.

► **Specification:**

System: Silver oxide

Dimensions (mm)



V12GS



V10GS



V13GS

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|--------------|------|---------|------|------|------|
| V10GS | 1.55 V | 85 mAh | 11.6 | 3.05 | 1,00 | 0,87 | 0,81 |
| V12GS | 1.55 V | 105 mAh | 11.6 | 4.2 | 1,00 | 0,87 | 0,81 |
| V13GS | 1.55 V | 155 mAh | 11.6 | 5.4 | 1,00 | 0,87 | 0,81 |



MAXELL



most common accumulator for watch, calculator, pocket computer games and so forth

► **Specification:**

System: Silver oxide

Dimensions (mm)

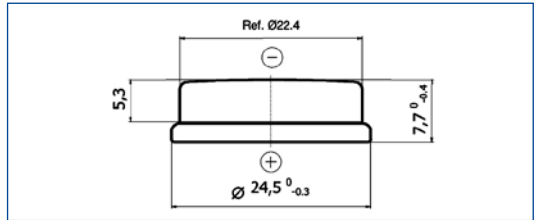
| Item: | Voltage: | Capacitance: | Ø | Height: | Maxell-Item-No.: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|--------------|------|---------|------------------|------|------|------|
| M315 | 1.55 V | 19 mAh | 7.9 | 1.6 | SR716SW | 0,65 | 0,60 | 0,57 |
| M317 | 1.55 V | 10 mAh | 5.8 | 1.6 | SR516SW | 0,62 | 0,57 | 0,54 |
| M319 | 1.55 V | 20 mAh | 5.8 | 2.7 | SR527SW | 0,64 | 0,58 | 0,56 |
| M321 | 1.55 V | 16 mAh | 6.8 | 1.6 | SR616SW | 0,62 | 0,57 | 0,54 |
| M357 | 1.55 V | 180 mAh | 11.6 | 5.6 | SR44W | 1,22 | 1,12 | 1,07 |
| M362 | 1.55 V | 24 mAh | 7.9 | 2.1 | SR721SW | 0,51 | 0,46 | 0,44 |
| M364 | 1.55 V | 23 mAh | 6.8 | 2.1 | SR621SW | 0,29 | 0,27 | 0,26 |
| M370 | 1.55 V | 40 mAh | 9.5 | 2.0 | SR920W | 0,57 | 0,52 | 0,50 |
| M371 | 1.55 V | 40 mAh | 9.5 | 2.0 | SR920SW | 0,47 | 0,43 | 0,41 |
| M373 | 1.55 V | 23 mAh | 9.5 | 1.6 | SR916SW | 0,80 | 0,73 | 0,70 |
| M377 | 1.55 V | 30 mAh | 6.8 | 2.6 | SR626SW | 0,29 | 0,27 | 0,26 |
| M379 | 1.55 V | 16 mAh | 5.8 | 2.1 | SR521SW | 0,46 | 0,42 | 0,40 |
| M384 | 1.55 V | 45 mAh | 7.9 | 3.6 | SR41SW | 0,52 | 0,48 | 0,46 |
| M386 | 1.55 V | 120 mAh | 11.6 | 4.2 | SR43W | 1,12 | 1,03 | 0,99 |
| M389 | 1.55 V | 80 mAh | 11.6 | 3.0 | SR1130W | 0,95 | 0,86 | 0,83 |
| M390 | 1.55 V | 80 mAh | 11.6 | 3.0 | SR1130SW | 0,88 | 0,80 | 0,77 |
| M391 | 1.55 V | 45 mAh | 11.6 | 2.0 | SR1120W | 0,77 | 0,70 | 0,67 |
| M392 | 1.55 V | 45 mAh | 7.9 | 3.6 | SR41W | 0,57 | 0,52 | 0,50 |
| M394 | 1.55 V | 70 mAh | 9.5 | 3.6 | SR936SW | 0,86 | 0,79 | 0,75 |
| M395 | 1.55 V | 55 mAh | 9.5 | 2.7 | SR927SW | 0,57 | 0,52 | 0,50 |
| M396 | 1.55 V | 30 mAh | 7.9 | 2.6 | SR726W | 0,62 | 0,57 | 0,54 |
| M397 | 1.55 V | 30 mAh | 7.9 | 2.6 | SR726SW | 0,62 | 0,57 | 0,54 |
| M399 | 1.55 V | 55 mAh | 9.5 | 2.7 | SR927W | 0,62 | 0,57 | 0,54 |

Miscellaneous Manufacturer

Specification:

System: Lithium

Dimensions (mm)



LB2477

| Item: | Voltage: | Capacitance: | Ø | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|----------|--------------|------|---------|------|------|------|
| LB1025 | 3.0 V | 30 mAh | 10.0 | 2.5 | 0,51 | 0,45 | 0,43 |
| LB1130 | 3.0 V | 25 mAh | 11.0 | 3.0 | 0,58 | 0,51 | 0,49 |
| LB1216 | 3.0 V | 25 mAh | 12.0 | 1.6 | 0,53 | 0,46 | 0,45 |
| LB1220 | 3.0 V | 38 mAh | 12.0 | 2.0 | 0,40 | 0,35 | 0,34 |
| LB1225 | 3.0 V | 49 mAh | 12.0 | 2.5 | 0,87 | 0,77 | 0,74 |
| LB1612 | 3.0 V | 25 mAh | 16.0 | 1.2 | 1,14 | 1,00 | 0,97 |
| LB1616 | 3.0 V | 50 mAh | 16.0 | 1.6 | 0,40 | 0,35 | 0,34 |
| LB1620 | 3.0 V | 68 mAh | 16.0 | 2.0 | 0,58 | 0,51 | 0,49 |
| LB1632 | 3.0 V | 125 mAh | 16.0 | 3.2 | 1,27 | 1,12 | 1,08 |
| LB2012 | 3.0 V | 55 mAh | 20.0 | 1.2 | 1,11 | 0,97 | 0,94 |
| LB2016 | 3.0 V | 75 mAh | 20.0 | 1.6 | 0,31 | 0,28 | 0,27 |
| LB2020 | 3.0 V | 100 mAh | 20.0 | 2.0 | 1,04 | 0,91 | 0,88 |
| LB2025 | 3.0 V | 148 mAh | 20.0 | 2.5 | 0,31 | 0,28 | 0,27 |
| LB2032 | 3.0 V | 210 mAh | 20.0 | 3.2 | 0,31 | 0,28 | 0,27 |
| LB2320 | 3.0 V | 150 mAh | 23.0 | 2.0 | 0,91 | 0,80 | 0,77 |
| LB2325 | 3.0 V | 190 mAh | 23.0 | 2.5 | 1,24 | 1,09 | 1,05 |
| LB2330 | 3.0 V | 265 mAh | 23.0 | 3.0 | 0,89 | 0,78 | 0,76 |
| LB2354 | 3.0 V | 560 mAh | 23.0 | 5.4 | 1,30 | 1,15 | 1,11 |
| LB2412 | 3.0 V | 100 mAh | 24.0 | 1.2 | 4,75 | 4,18 | 4,03 |
| LB2430 | 3.0 V | 285 mAh | 24.0 | 3.0 | 0,73 | 0,64 | 0,62 |
| LB2450 | 3.0 V | 620 mAh | 24.0 | 5.0 | 0,97 | 0,86 | 0,83 |
| LB2477 | 3.0 V | 950 mAh | 24.6 | 7.7 | 2,33 | 2,04 | 1,97 |
| LB3032 | 3.0 V | 500 mAh | 30.0 | 3.2 | 2,11 | 1,86 | 1,79 |

The delivery will be according to the special rule 188 ADR!

Camelion

NEW Camelion



CR1216BP5C

CR1616BP5C

CR2450BP1C

- ▶ high load resistor
- ▶ maintenance-free
- ▶ for long operating time

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

▶ **Specification:**
System: Lithium

Dimensions (mm)

| Item: | Voltage: | Capacitance: | Ø | Height: | PU: | ≥ 5 | ≥ 10 | ≥ 50 |
|------------|----------|--------------|------|---------|-----|-------|-------|-------|
| CR1216BP5C | 3.0 V | 25 mAh | 12.5 | 1.6 | 5 | 0,231 | 0,224 | 0,214 |
| CR1220BP5C | 3.0 V | 38 mAh | 12.5 | 2.0 | 5 | 0,231 | 0,224 | 0,214 |
| CR1225BP5C | 3.0 V | 50 mAh | 12.5 | 2.5 | 5 | 0,231 | 0,224 | 0,214 |
| CR1616BP5C | 3.0 V | 50 mAh | 16.0 | 1.6 | 5 | 0,231 | 0,224 | 0,214 |
| CR1620BP5C | 3.0 V | 90 mAh | 16.0 | 2.0 | 5 | 0,231 | 0,224 | 0,214 |
| CR2016BP5C | 3.0 V | 75 mAh | 20.0 | 1.6 | 5 | 0,231 | 0,224 | 0,214 |
| CR2025BP5C | 3.0 V | 150 mAh | 20.0 | 2.5 | 5 | 0,231 | 0,224 | 0,214 |
| CR2032BP5C | 3.0 V | 210 mAh | 20.0 | 3.2 | 5 | 0,231 | 0,224 | 0,214 |

| Item: | Voltage: | Capacitance: | Ø | Height: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|----------|--------------|------|---------|-----|-------|-------|-------|
| CR1632BP1C | 3.0 V | 120 mAh | 16.0 | 3.2 | 1 | 0,248 | 0,240 | 0,230 |
| CR2320BP1C | 3.0 V | 130 mAh | 23.0 | 2.0 | 1 | 0,380 | 0,368 | 0,352 |
| CR2330BP1C | 3.0 V | 260 mAh | 23.0 | 3.0 | 1 | 0,380 | 0,368 | 0,352 |
| CR2430BP1C | 3.0 V | 270 mAh | 24.5 | 3.0 | 1 | 0,380 | 0,368 | 0,352 |
| CR2450BP1C | 3.0 V | 350 mAh | 24.5 | 5.0 | 1 | 0,380 | 0,368 | 0,352 |

The delivery will be according to the special rule 188 ADR!

Acoustic Special - Rayovac

Minimum order quantity = 1 PU = 6 pcs!

The prices are generally calculated apiece!

Perfect energy supply for all hearing aids - with Rayovac hearing aid batteries.

Long operating times and high voltage levels characterise this special range.

► **Specification:**

Voltage: 1.4 V
System: Zinc-Air

Dimensions (mm)



V13AT



V312AT



V10AT



V675AT

| Item: | IEC-Nr.: | Colour code: | Capacitance: | Ø: | Height: | Weight: | ≥ 6 | ≥ 30 | ≥ 60 |
|--------|----------|--------------|--------------|------|---------|---------|------|------|------|
| V10AT | PR70 | yellow | 90 mAh | 5.8 | 3.6 | 0.7 g | 0,46 | 0,40 | 0,39 |
| V312AT | PR 41 | brown | 160 mAh | 7.9 | 3.6 | 0.84 g | 0,46 | 0,40 | 0,39 |
| V13AT | PR 48 | orange | 310 mAh | 7.8 | 5.3 | 1.0 g | 0,46 | 0,40 | 0,39 |
| V675AT | PR 44 | blue | 630 mAh | 11.6 | 5.4 | 2.17 g | 0,46 | 0,40 | 0,39 |

Ultra - Rayovac



R10AE



R312AE



R13AE



R675AE

Minimum order quantity = 1 PU = 6 PC!

The prices are generally calculated apiece!

► **Specification:**

Voltage: 1.4 V
System: Zinc-Air

Dimensions (mm)

| Item: | IEC-No.: | Colour code: | Capacitance: | Ø: | Height: | Weight: | ≥ 6 | ≥ 30 | ≥ 60 |
|--------|----------|--------------|--------------|------|---------|---------|------|------|------|
| R10AE | -- | yellow | 90 mAh | 5.8 | 3.6 | 0.7 g | 0,41 | 0,36 | 0,35 |
| R312AE | PR 41 | brown | 160 mAh | 7.9 | 3.6 | 0.84 g | 0,39 | 0,35 | 0,33 |
| R13AE | PR 48 | orange | 310 mAh | 7.9 | 5.4 | 1.0 g | 0,39 | 0,35 | 0,33 |
| R675AE | PR 44 | blue | 520 mAh | 11.6 | 5.4 | 2.17 g | 0,39 | 0,35 | 0,33 |

Zinc Air - GP



GPZA10

Minimum order quantity = 1 PU = 6 pcs!

The prices are generally calculated apiece!

► **Specification:**

Voltage: 1.4 V
System: Zinc-Air

Dimension (mm)

| Item: | IEC-No.: | Colour code: | Capacitance: | Ø: | Height: | Weight: | ≥ 6 | ≥ 30 | ≥ 60 |
|---------|----------|--------------|--------------|------|---------|---------|------|------|------|
| GPZA10 | PR 70 | yellow | 75 mAh | 5.8 | 3.6 | 0.3 g | 0,45 | 0,40 | 0,38 |
| GPZA312 | PR 41 | brown | 125 mAh | 7.9 | 3.6 | 0.6 g | 0,45 | 0,40 | 0,38 |
| GPZA13 | PR 48 | orange | 230 mAh | 7.9 | 5.4 | 0.8 g | 0,45 | 0,40 | 0,38 |
| GPZA675 | PR 44 | blue | 620 mAh | 11.6 | 5.4 | 1.8 g | 0,45 | 0,40 | 0,38 |

Batteries

Camelion

- ▶ light and comfortable
- ▶ reliable, steady power output
- ▶ leading edge technology




A27BP1C

▶ Specification:

System: Alkali

Dimensions (mm)

| Item: | Voltage: | Nominal capacity: | Ø: | Height: | ≥ 1 | ≥ 20 | ≥ 100 |
|---------|----------|-------------------|-----|---------|-------|-------|-------|
| A27BP1C | 12 V | 16 mAh | 8.0 | 28.5 | 0,413 | 0,400 | 0,383 |

GP Sylva Cell

Application:

- ▶ signal generator for automatic car door opener
- ▶ lighters

▶ Specification:

System: Alkali

Dimensions (mm)



GP27A

GP23A

GP11A

GP10A



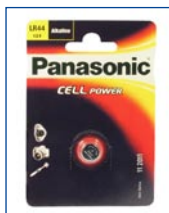
GP29A

| Item: | Voltage: | Nominal capacity: | Ø: | Height: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|----------|-------------------|------|---------|------|------|------|
| GP10A | 9.0 V | 38 mAh | 10.3 | 21.6 | 0,58 | 0,53 | 0,51 |
| GP11A | 6.0 V | 38 mAh | 10.3 | 16.5 | 0,58 | 0,53 | 0,51 |
| GP23A | 12.0 V | 38 mAh | 10.0 | 28.0 | 0,51 | 0,46 | 0,44 |
| GP27A | 12.0 V | 18 mAh | 7.7 | 28.0 | 0,65 | 0,59 | 0,57 |
| GP29A | 9.0 V | 18 mAh | 7.7 | 21.4 | 1,09 | 0,99 | 0,95 |

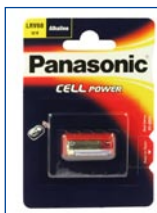
Panasonic - Blister



LR1BL



LR44



LRV08

Features:

- ▶ powerful and consistent alkaline battery
- ▶ perfect for frequent and extensive use
- ▶ long life
- ▶ suitable for use in smoke alarms and remote controls

The prices are generally calculated apiece!

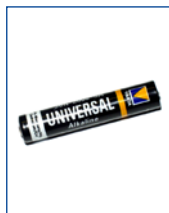
Minimum order quantity = 1 PU!

▶ Specification:

System: Alkali

| Item: | Size: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|-------------|-----|------|------|------|
| LR1BL | Lady | 1 | 0,93 | 0,85 | 0,81 |
| LR44 | Button cell | 1 | 0,64 | 0,59 | 0,55 |
| LRV08 | 12V-Battery | 1 | 0,60 | 0,56 | 0,53 |

Special for Laser-Pointer



LR61AAAA



E96AAAA

Application:

- ▶ Bluetooth® Headsets
- ▶ remote control
- ▶ laser pointer

The prices are generally calculated apiece!

▶ Specification:

Voltage: 1.5 V
System: Alkali

Dimensions (mm)

| Item: | Manufacturer: | Capacitance: | Ø: | Height: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|----------|---------------|--------------|-----|---------|-----|------|------|------|
| LR61AAAA | Varta | 625 mAh | 8.0 | 41.5 | 2 | 0,92 | 0,84 | 0,80 |
| E96AAAA | Energizer | 625 mAh | 8.0 | 41.5 | 2 | 1,04 | 0,95 | 0,91 |

Lithium - Panasonic

Panasonic Photo Power lithium batteries combine very light weight material with lithium technology, to create a power source suitable for high energy cameras

Features:

- ▶ reliable even in a wide range of operating temperatures
- ▶ high reliability
- ▶ class leading capacity, for increased product performance
- ▶ low internal resistance to provide rapid flash recovery time and quick shooting

▶ **Specification:**

System: Lithium

Dimensions (mm)



CR2



2CR5



CR/P2



CRV3



CR123A

| Item: | Voltage: | Capacitance: | Dimensions: | ≥ 1 | ≥ 10 | ≥ 25 |
|--------|----------|--------------|-------------------------------|------|------|------|
| CR/P2 | 6.0 V | 1600 mAh | 35.0 x 19.5 x 36.0 | 3,67 | 3,26 | 3,15 |
| 2CR5 | 6.0 V | 1600 mAh | 34.0 x 17.0 x 45.0 | 3,49 | 3,10 | 3,00 |
| CR2 | 3.0 V | 750 mAh | 15.6 x 27.0 (for APS-cameras) | 1,83 | 1,62 | 1,57 |
| CR123A | 3.0 V | 1450 mAh | 17.1 x 34.5 | 1,56 | 1,39 | 1,34 |
| CRV3 | 3.0 V | 3000 mAh | 38.4 x 14.2 x 51.9 | 9,06 | 8,06 | 7,78 |

The delivery will be according to the special rule 188 ADR!

Lithium - Sanyo

Dimensions (mm)



CR1/3N

| Item: | System: | Voltage: | Capacitance: | Ø: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|---------|----------|--------------|-------------|------|------|------|
| CR1/3N | Lithium | 3.0 V | 170 mAh | 11.6 x 10.8 | 1,86 | 1,71 | 1,65 |

The delivery will be according to the special rule 188 ADR!

Miscellaneous - Varta



PX28

Get down to the cellular level: Tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances.

Dimensions (mm)

| Item: | System: | Voltage: | Capacitance: | Ø x H: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|----------|----------|--------------|-------------|------|------|------|
| PX28 | AgO | 6.0 V | 145 mAh | 13.0 x 25.2 | 3,62 | 3,30 | 3,16 |
| PX28L | Lithium* | 6.0 V | 170 mAh | 13.0 x 25.1 | 5,44 | 4,95 | 4,75 |
| PX28A | Alkaline | 6.0 V | 105 mAh | 13.0 x 25.2 | 2,65 | 2,42 | 2,32 |
| PX74 | Alkaline | 15.0 V | 45 mAh | 16.0 x 35.0 | 2,94 | 2,68 | 2,57 |
| PX76 | Silver | 1.55 V | 145 mAh | 11.6 x 5.4 | 0,76 | 0,69 | 0,66 |
| PX625U | Alkaline | 1.5 V | 200 mAh | 16.0 x 6.2 | 0,47 | 0,43 | 0,41 |

*The delivery will be according to the special rule 188 ADR!

Alkali, blister - Varta

NEW



V4203



V4206

Photo alkaline for the highest demands of more mobile, more precise energy. Especially for use in photo area.

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

► **Specification:**

System: Alkali
Voltage: 1.5 V

| Item: | Size: | Capacitance: | Ø x H: | PU: | ≥ 4 | ≥ 24 | ≥ 96 |
|-------|-----------|--------------|-------------|-----|------|------|------|
| V4203 | Micro AAA | 1200 mAh | 10.5 x 44.5 | 4 | 0,48 | 0,44 | 0,42 |
| V4206 | Mignon AA | 2600 mAh | 14.5 x 50.5 | 4 | 0,49 | 0,44 | 0,42 |

Sanyo Cadnica - 3.0 V

Features:

- ▶ high operating voltage of 3V
- ▶ high energy density
- ▶ wide operating temperature range: -40 to 85 (depending on type)
- ▶ low self-discharge rate (0.5% per year at room temperature)
- ▶ UL approved



CR14250P



CR14250SE



CR12600SE



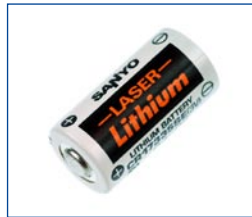
CR14250LF



CR17450SE



CR17335P



CR12335SE



CR12600LF



CR17450P

| Specification: | CR 14250: | CR 12600: | CR 17335: | CR17450: |
|----------------|-------------|-------------|-------------|-------------|
| System: | Lithium | Lithium | Lithium | Lithium |
| Voltage: | 3.0 V | 3.0 V | 3.0 V | 3.0 V |
| Capacitance: | 850 mAh | 1500 mAh | 1800 mAh | 2500 mAh |
| Ø x L: | 14.5 x 25.0 | 12.0 x 60.0 | 17.0 x 33.5 | 17.0 x 45.0 |

Dimensions (mm)

| Item: | Size: | Description: | ≥ 1 | ≥ 10 | ≥ 25 |
|-----------|--------|-----------------|------|------|------|
| CR14250SE | 1/2 AA | Button terminal | 2,97 | 2,71 | 2,59 |
| CR14250P | 1/2 AA | 3x print | 3,76 | 3,43 | 3,28 |
| CR14250LF | 1/2 AA | U-Soldering tag | 3,76 | 3,43 | 3,28 |
| CR12600SE | 2N | Button terminal | 4,83 | 4,41 | 4,22 |
| CR12600LF | 2N | U-Soldering tag | 5,09 | 4,64 | 4,44 |
| CR17335SE | 2/3 A | Button terminal | 3,13 | 2,85 | 2,73 |
| CR17335P | 2/3 A | three-P.C. pin | 3,35 | 3,05 | 2,93 |
| CR17450SE | A | Button terminal | 5,02 | 4,58 | 4,39 |
| CR17450P | A | P.C. pin | 5,66 | 5,16 | 4,94 |

The delivery will be according to the special rule 188 ADR!

Panasonic - 3.0 V



BR/A



BR/ALF

► **Specification:**
System: Lithium

Dimensions (mm)



BR2/3A



BR2/3ALF



BR/C



BR/CLF

| Item: | Size: | Description: | Capacitance: | Ø: | H: | ≥ 1 | ≥ 10 | ≥ 50 |
|----------|-------|-----------------|--------------|------|------|-------|-------|------|
| BR/A | A | Button terminal | 1800 mAh | 17.0 | 45.0 | 4,19 | 3,82 | 3,66 |
| BR/ALF | A | Soldering tag | 1800 mAh | 17.0 | 45.5 | 4,63 | 4,22 | 4,04 |
| BR2/3A | 2/3 A | Button terminal | 1200 mAh | 17.0 | 33.5 | 3,49 | 3,18 | 3,05 |
| BR2/3ALF | 2/3 A | Soldering tag | 1200 mAh | 17.0 | 33.5 | 3,93 | 3,59 | 3,44 |
| BR/C | Baby | Button terminal | 5000 mAh | 26.0 | 50.0 | 10,90 | 9,94 | 9,52 |
| BR/CLF | Baby | Soldering tag | 5000 mAh | 26.0 | 50.0 | 11,33 | 10,32 | 9,89 |

The delivery will be according to the special rule 188 ADR!

Varta - 3.0 V

► Specification:

System: Lithium

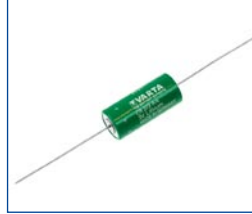
Dimensions (mm)



CR1/2AASLF



CR1/2AALF



CR2/3AAD



CR2/3AA

| Item: | Size: | Description: | Capacitance: | Ø: | H: | ≥ 1 | ≥ 10 | ≥ 20 |
|------------|--------|-----------------|--------------|------|------|------|------|------|
| CR1/2AA | 1/2 AA | Button terminal | 950 mAh | 14.5 | 25.6 | 3,21 | 2,84 | 2,72 |
| CR1/2AAD | 1/2 AA | Axial conductor | 950 mAh | 14.5 | 25.6 | 3,57 | 3,15 | 3,02 |
| CR1/2AALF | 1/2 AA | U-Soldering tag | 950 mAh | 14.5 | 25.6 | 3,57 | 3,15 | 3,02 |
| CR1/2AASLF | 1/2 AA | 3er-Print | 950 mAh | 14.5 | 25.6 | 3,23 | 2,85 | 2,73 |
| CR2/3AA | 2/3 AA | Button terminal | 1350 mAh | 14.5 | 30.0 | 4,30 | 3,80 | 3,64 |
| CR2/3AAD | 2/3 AA | Axial conductor | 1350 mAh | 14.5 | 30.0 | 4,66 | 4,12 | 3,95 |
| CR2/3AALF | 2/3 AA | U-Soldering tag | 1350 mAh | 14.5 | 30.0 | 4,66 | 4,12 | 3,95 |
| CR2/3A | 2/3 A | Button terminal | 1350 mAh | 17.0 | 33.5 | 4,14 | 3,66 | 3,51 |
| CR2/3AD | 2/3 A | Axial conductor | 1350 mAh | 17.0 | 33.5 | 4,17 | 3,69 | 3,53 |

The delivery will be according to the special rule 188 ADR!



Saft - 3.6 V



LSH14CNR



LSH20



LS14250EP



LS14500CNA

Specification:

System:

LSH 14:

Lithium

LSH 20:

Lithium

LS 14250:

Lithium

LS 14500:

Lithium

Ø x Height:

26.0 x 49.0

33.1 x 61.4

14.6 x 24.8

14.6 x 50.5

Temperature range:

-60 ... + 85 °C

-60 ... + 85 °C

-60 ... + 85 °C

-60 ... + 85 °C

Dimensions (mm)

| Item: | Description: | Termination: | Capacitance: | ≥ 1 | ≥ 10 | ≥ 25 |
|------------|--------------|-----------------|--------------|-------|-------|-------|
| LSH14 | Baby | Button terminal | 5500 mAh | 12,83 | 11,69 | 11,21 |
| LSH14CNR | Baby | Soldering tag | 5500 mAh | 13,24 | 12,07 | 11,56 |
| LSH20 | Mono | Button terminal | 13000 mAh | 17,71 | 16,14 | 15,47 |
| LSH20CNR | Mono | Soldering tag | 13000 mAh | 18,14 | 16,53 | 15,84 |
| LS14250 | 1/2 AA | Button terminal | 1100 mAh | 3,18 | 2,89 | 2,77 |
| LS14250CNA | 1/2 AA | Wire bonding | 1100 mAh | 3,78 | 3,44 | 3,30 |
| LS14250CNR | 1/2 AA | Soldering tag | 1100 mAh | 3,62 | 3,30 | 3,16 |
| LS14250EP | 1/2 AA | Single print | 1100 mAh | 3,62 | 3,30 | 3,16 |
| LS14500 | Mignon | Button terminal | 2450 mAh | 3,57 | 3,25 | 3,12 |
| LS14500CNR | Mignon | Soldering tag | 2450 mAh | 4,00 | 3,64 | 3,49 |
| LS14500CNA | Mignon | Wire bonding | 2450 mAh | 4,28 | 3,90 | 3,74 |
| LS14500EP | Mignon | Single print | 2450 mAh | 4,00 | 3,64 | 3,49 |

The delivery will be according to the special rule 188 ADR!

Battery-Packs - 3.6 V

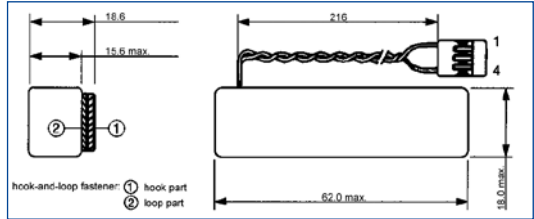
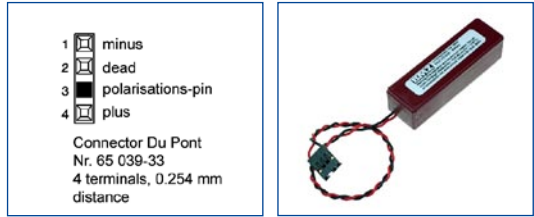
Memory-back-up and real time clock feed-in

Features:

- ▶ high voltage
- ▶ high energy density
- ▶ low self-discharge
- ▶ long durability
- ▶ hermetically sealed reweld cells
- ▶ environment-friendly
- ▶ hook-and-loop for an ease of installation

▶ **Specification:**

- Off-load voltage:** 3.65 V
Voltage rating: 3.6 V
Capacitance: 2450 mAh
Temperature range: - 40 °C ... + 85 °C
Storage temperature: - 55 °C ... + 85 °C
Self discharger: average 2 % in the year at 20 °C
Terminals: Berg-Socket for 4 pins (P/N 65039-033) with key
Housing: Plastic form part housing accordant
 UL-inflammability classification 94 V 2
Cable: red/black AWG 24
System: Lithium



| Item: | Compare: | Ø | H: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|------------------------|------|------|-------|-------|-------|
| 1LS6 | = TL 5242 = SL-360/461 | 14.5 | 50.0 | 12,32 | 11,26 | 10,81 |

The delivery will be according to the special rule 188 ADR!

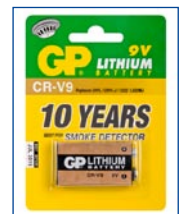
GP - 9 V-Block

- ▶ high discharge current
- ▶ integrated short circuit protected
- ▶ low self discharge of less than 1% per year
- ▶ environmentally friendly



▶ **Specification:**

- System:** Lithium
Dimensions (mm)



| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|-------------|----------|--------------------|-----|------|------|------|
| GPCR9V | 9 V - Block | 9.0 V | 47.5 x 16.5 x 25.5 | 1 | 5,75 | 5,55 | 5,36 |

The delivery will be according to the special rule 188 ADR!

Ultralife - 9 V-Block



- **Specification:**
System: Lithium
Dimensions (mm)

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 5 | ≥ 10 |
|-------|-------------|----------|--------------------|-----|------|------|------|
| SLM9V | 9 V - Block | 9.0 V | 47,5 x 16,5 x 25,5 | 1 | 6,26 | 5,70 | 5,46 |

The delivery will be according to the special rule 188 ADR!

Batteries - Special

Lithium-Thionylchlorid

Tadiran



Suited to the requirements of modern electronics. For example, CMOS. Require a lightweight power source providing safe and reliable performance over a wide range of environmental conditions, for long periods of time. The Tadiran Lithium Battery has an outstandingly long shelf life and reliability.

- **Specification:**
Voltage: 3.6 V
System: Lithium-Thionylchlorid

| Item: | Description: | Size: | Capacitance: | ≥ 1 | ≥ 5 | ≥ 10 |
|---------|-------------------------------|-----------|--------------|-------|-------|-------|
| SL750S | Button terminal | 1/2 AA | 950 mAh | 4,28 | 3,90 | 3,74 |
| SL750T | Soldering tag | 1/2 AA | 950 mAh | 5,15 | 4,69 | 4,50 |
| SL750P | Wire bonding | 1/2 AA | 950 mAh | 10,14 | 9,24 | 8,86 |
| SL360S | Button terminal | Mignon AA | 2300 mAh | 9,17 | 8,45 | 7,88 |
| SL760S | Button terminal | Mignon AA | 2100 mAh | 4,79 | 4,36 | 4,18 |
| SL760T | Soldering tag | Mignon AA | 2100 mAh | 5,83 | 5,31 | 5,09 |
| SL760P | Wire bonding | Mignon AA | 2100 mAh | 12,12 | 11,04 | 10,58 |
| SL760PT | Polarized tags / Single print | Mignon AA | 2100 mAh | 14,13 | 12,87 | 12,34 |
| SL760PR | Single print | Mignon AA | 2100 mAh | 14,13 | 12,87 | 12,34 |
| SL2770S | Button terminal | Baby C | 7200 mAh | 11,94 | 10,89 | 10,43 |
| SL2770T | Soldering tag | Baby c | 7200 mAh | 12,81 | 11,68 | 11,19 |
| SL2770P | Wire bonding | Baby C | 7200 mAh | 11,94 | 10,89 | 10,43 |
| SL2780S | Button terminal | Mono D | 16500 mAh | 19,99 | 18,22 | 17,46 |
| SL2780T | Soldering tag | Mono D | 16500 mAh | 20,86 | 19,01 | 18,22 |
| SL2780P | Wire bonding | Mono D | 16500 mAh | 28,20 | 25,70 | 24,63 |
| SL2790S | Button terminal | Mono DD | 35000 mAh | 39,42 | 35,93 | 34,43 |
| SL350S | Button terminal | 1/2 AA | 1000 mAh | 4,96 | 4,52 | 4,33 |
| SL350P | Wire bonding | 1/2 AA | 1000 mAh | 8,33 | 7,59 | 7,27 |
| SL889P | Wire bonding | 1/10 D | 1000 mAh | 9,40 | 8,57 | 8,21 |
| SL840P | Doppelprint | 1/10 D | 420 mAh | 5,61 | 5,11 | 4,90 |

The delivery will be according to the special rule 188 ADR!

Varta Longlife

Compact, high power batteries for the continuous operation. Primary use in safty devices, e. g. alarm devices, continuous light lamps or turn signal lights.

► **Specification:**

Voltage: 6 V
System: Zinc-Chloride

Dimensions (mm)



4R25/2



V431



V430

| Item: | Size: | Capacitance: | Dimensions: | ≥ 1 | ≥ 10 | ≥ 20 |
|--------|--------|--------------|----------------------|------|------|------|
| V430 | 4R25X | 7500 mAh | 67.0 x 115.0 x 67.0 | 3,28 | 2,89 | 2,77 |
| V431 | 4R25X | 8500 mAh | 67.0 x 115.0 x 67.0 | 3,50 | 3,10 | 2,97 |
| 4R25/2 | 4R25-2 | 19000 mAh | 134.0 x 125.0 x 71.0 | 9,13 | 8,06 | 7,73 |

Batteries - Special

Zinc-Carbon

Low Cost

miscellaneous brands

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

System: Zinc-Carbon



R14LC



SUM3



R3LC



2R10R



6F22M



R20LC

| Item: | Size: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|-------|--------|-----|------|------|------|
| R3LC | Micro | 4x | 0,14 | 0,13 | 0,12 |
| SUM3 | Mignon | 4x | 0,14 | 0,13 | 0,12 |

| Item: | Size: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
|-------|-------|-----|------|------|------|
| R14LC | Baby | 2x | 0,29 | 0,27 | 0,26 |
| R20LC | Mono | 2x | 0,42 | 0,38 | 0,37 |

| Item: | Size: | PU: | ≥ 1 | ≥ 48 | ≥ 96 |
|-------|-------------|-----|------|------|------|
| 6F22M | 9 V - Block | 1x | 0,74 | 0,68 | 0,65 |
| 2R10R | 3 V - Slat | 1x | 0,88 | 0,78 | 0,75 |

Camelion

NEW Camelion



LR3SP2C



LR3SP4C



LR6SP2C



LR6SP4C



LR14SP2C



LR20SP2C



6LF22SP1C



3LR12SP1C

- ▶ delivers a stable current for several hours
- ▶ long lasting power and shelf life
- ▶ ideal for most high power operated devices such as CD players, toys, PDAs, electric games, radios, flashlights and remote controls

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:**
System: Alkali

Dimensions (mm)

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
|-----------|-------------|----------|-------------|-----|-------|-------|-------|
| LR3SP2C | Micro AAA | 1.5 V | 44,5 x 10,5 | 2 | 0,182 | 0,176 | 0,168 |
| LR3SP4C | Micro AAA | 1.5 V | 44,5 x 10,5 | 4 | 0,182 | 0,176 | 0,168 |
| LR6SP2C | Mignon AA | 1.5 V | 50,5 x 14,5 | 2 | 0,182 | 0,176 | 0,168 |
| LR6SP4C | Mignon AA | 1.5 V | 50,5 x 14,5 | 4 | 0,182 | 0,176 | 0,168 |
| LR14SP2C | Baby C | 1.5 V | 50,0 x 26,2 | 2 | 0,602 | 0,584 | 0,558 |
| LR20SP2C | Mono D | 1.5 V | 50,0 x 26,2 | 2 | 0,842 | 0,816 | 0,780 |
| 6LF22SP1C | 9 V-Block | 9.0 V | 48,5 x 17,5 | 1 | 0,924 | 0,896 | 0,857 |
| 3LR12SP1C | 4.5 V-Flach | 4.5 V | 65,5 x 22,0 | 1 | 0,776 | 0,752 | 0,719 |

Batteries

Camelion - Blister

- ▶ delivers a stable current for several hours
- ▶ long lasting power and shelf life
- ▶ ideal for most high power operated devices such as CD players, toys, PDAs, electric games, radios, flashlights and remote controls



Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:**

System: Alkali

Dimensions (mm)



LR3BP2C



LR61BP2C



LR1BP2C



LR6BP4C



LR6BP2C



LR3BP4C



3LR12BP1C



6LF22BP1C



LR20BP2C



LR14BP2C

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
|-----------|-------------|----------|-------------|--------------------|-------|-------|-------|
| LR1BP2C | Lady N | 1.5 V | 30.0 x 11.4 | 2x blister package | 0,305 | 0,296 | 0,283 |
| LR61BP2C | AAAA | 1.5 V | 42.0 x 8.0 | 2x blister package | 0,446 | 0,432 | 0,413 |
| LR3BP2C | Micro AAA | 1.5 V | 44.5 x 10.5 | 2x blister package | 0,198 | 0,192 | 0,184 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| LR3BP4C | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x blister package | 0,198 | 0,192 | 0,184 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| LR6BP2C | Mignon AA | 1.5 V | 50.5 x 14.5 | 2x blister package | 0,198 | 0,192 | 0,184 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| LR6BP4C | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x blister package | 0,198 | 0,192 | 0,184 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| LR14BP2C | Baby C | 1.5 V | 50.0 x 26.2 | 2x blister package | 0,619 | 0,600 | 0,574 |
| LR20BP2C | Mono D | 1.5 V | 50.0 x 26.2 | 2x blister package | 0,866 | 0,840 | 0,803 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
| 6LF22BP1C | 9 V-Block | 9.0 V | 48.5 x 17.5 | 1x blister package | 0,974 | 0,944 | 0,903 |
| 3LR12BP1C | 4.5 V-Flach | 4.5 V | 65,5 x 22.0 | 1x blister package | 0,809 | 0,784 | 0,750 |

ENERGIZER Ultimate - Blister

NEW 

LR3EU



LR6EU

- ▶ optimal for High-Tech devices
- ▶ 7 years stockable

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:****System:** Alkali**Dimensions (mm)**

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|-------|-----------|----------|-------------|-----|------|------|------|
| LR3EU | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x | 0,45 | 0,43 | 0,41 |
| LR6EU | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x | 0,45 | 0,43 | 0,41 |

By the items LR3EU3 and LR6EU6 you will receive 1 batterie for free!

The prices by the items LR3EU3 and LR6EU6 relate to the complete blister package!

ENERGIZER Ultra + - Blister

NEW 

LR3EUP



LR6EUP



LR14EUP

Dependable power for ambitious devices as flash-lights, smoke detectors, radios, remotes and so on

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:****System:** Alkali**Dimensions (mm)**

LR20EUP



6LR61EUP

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|--------|-----------|----------|-------------|-----|------|------|------|
| LR3EUP | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x | 0,35 | 0,32 | 0,31 |
| LR6EUP | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x | 0,35 | 0,32 | 0,31 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|---------|--------|----------|-------------|-----|------|------|------|
| LR14EUP | Baby C | 1.5 V | 50.0 x 26.2 | 2x | 0,75 | 0,68 | 0,66 |
| LR20EUP | Mono D | 1.5 V | 61.5 x 34.2 | 2x | 1,04 | 0,95 | 0,91 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|----------|-----------|----------|-------------|-----|------|------|------|
| 6LR61EUP | 9 V-Block | 9.0 V | 48.5 x 17.0 | 1x | 1,25 | 1,14 | 1,09 |

ENERGIZER Industrial

- ▶ top quality standard
- ▶ reliable power
- ▶ optimal leakage protection
- ▶ excellent temperature behavior from - 20°C up to + 55°C
- ▶ ideal in smoke detectors, long-term ECGs, remote controls, microphones and many others

▶ **Specification:****System:** Alkali**Dimensions (mm)****Energizer NEW**

LR14EUPI



LR6EUPI



LR3EUPI



6LR6EUPI



LR20EUPI

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|---------|-----------|----------|-------------|-----|------|------|------|
| LR3EUPI | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x | 0,28 | 0,24 | 0,23 |
| LR6EUPI | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x | 0,29 | 0,25 | 0,24 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 12 | ≥ 24 | ≥ 36 |
|----------|-------------|----------|-------------|-----|------|------|------|
| LR14EUPI | Baby C | 1.5 V | 50.0 x 26.2 | 12x | 0,58 | 0,51 | 0,49 |
| LR20EUPI | Mono D | 1.5 V | 61.5 x 34.2 | 12x | 0,94 | 0,83 | 0,80 |
| 6LR6EUPI | 9 V - Block | 9.0 V | 48.5 x 17.0 | 12x | 1,01 | 0,89 | 0,85 |

Panasonic Pro Power

NEW

LR3PP



LR6PP



LR14PP



LR20PP



6LR61PP

- ▶ long operating life
- ▶ very high current
- ▶ heat-resistant
- ▶ long shelf life
- ▶ protecting outlet
- ▶ cadmium- and quicksilver-free

The prices are generally calculated apiece!

- ▶ **Specification:**
- System:** Alkali
- Dimensions (mm)**

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
|---------|-------------|----------|--------------------|-----|------|------|------|
| LR3PP | Micro AAA | 1.5 V | 44.5 x 10.5 | 48 | 0,43 | 0,38 | 0,37 |
| LR6PP | Mignon AA | 1.5 V | 50.5 x 14.5 | 48 | 0,44 | 0,39 | 0,37 |
| LR14PP | Baby C | 1.5 V | 50.0 x 26.2 | 24 | 0,84 | 0,74 | 0,71 |
| LR20PP | Mono D | 1.5 V | 61.5 x 34.2 | 24 | 1,26 | 1,12 | 1,07 |
| 6LR61PP | 9 V - Block | 9.0 V | 48.5 x 17.5 x 26.5 | 12 | 1,91 | 1,68 | 1,61 |

Panasonic Pro Power - Blister

- ▶ long operating life
- ▶ very high current
- ▶ heat-resistant
- ▶ long shelf life
- ▶ protecting outlet
- ▶ cadmium- and quicksilver-free

NEW


LR14PPBL



LR6PPBL



LR3PPBL



3LR12PPBL



6LR61PPBL



LR20PPBL

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

▶ Specification:

System: Alkali

Dimensions (mm)

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|----------|-----------|----------|-------------|-----|------|------|------|
| LR3PPBL | Micro AAA | 1.5 V | 44.5 x 10.5 | 4 | 0,48 | 0,44 | 0,40 |
| LR6PPBL | Mignon AA | 1.5 V | 50.5 x 14.5 | 4 | 0,49 | 0,45 | 0,41 |
| LR14PPBL | Baby C | 1.5 V | 50.0 x 26.2 | 2 | 0,93 | 0,85 | 0,77 |
| LR20PPBL | Mono D | 1.5 V | 61.5 x 34.2 | 2 | 1,40 | 1,28 | 1,16 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
|-----------|--------------|----------|--------------------|-----|------|------|------|
| 6LR61PPBL | 9 V - Block | 9.0 V | 48.5 x 17.5 x 26.5 | 1 | 2,11 | 1,93 | 1,76 |
| 3LR12PPBL | 4.5 V - Flat | 4.5 V | 63.0 x 63.0 x 22.0 | 1 | 3,83 | 3,51 | 3,20 |

Panasonic Powerline

NEW

LR3PL



LR6PL



LR14PL



LR20PL



6LR61PL

- ▶ for industrial applications
- ▶ long operating life
- ▶ very high current
- ▶ long shelf life
- ▶ protecting outlet
- ▶ high reliability

The prices are generally calculated apiece!

- ▶ **Specification:**
- System:** Alkali
- Dimensions (mm)**

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|--------|-----------|----------|-------------|-----|------|------|------|
| LR3PL | Micro AAA | 1.5 V | 44.5 x 10.5 | 4 | 0,27 | 0,24 | 0,23 |
| LR6PL | Mignon AA | 1.5 V | 50.5 x 14.5 | 4 | 0,27 | 0,24 | 0,23 |
| LR14PL | Baby C | 1.5 V | 50.0 x 26.2 | 4 | 0,68 | 0,61 | 0,58 |
| LR20PL | Mono D | 1.5 V | 61.5 x 34.2 | 4 | 1,05 | 0,93 | 0,89 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
|---------|---------------|----------|--------------------|-----|------|------|------|
| 6LR61PL | 9 - V - Block | 9.0 V | 48.5 x 17.5 x 26.5 | 1 | 1,24 | 1,10 | 1,06 |

Panasonic EVOIA - Blister

The worlds No. 1 long lasting AA alkaline battery, according to the GUINNESS WORLD RECORDS™.

After exhaustive tests of various AA alkaline batteries, GUINNESS WORLD RECORDS™ have established which battery outperforms its competitors on all the common industry tests. It is the new Evoia battery from Panasonic.

So if performance matters and you are looking for a battery that wont let you down, choose the new Evoia from Panasonic.

► Specification:

System: Alkali

Dimensions (mm)



LR06EE2BP



LR03EE4BP



LR03EE2BP



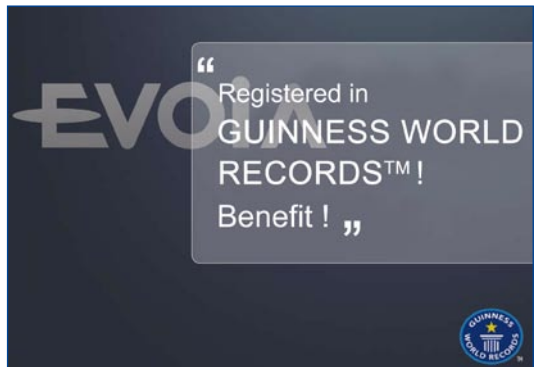
LR20EE2BP



LR14EE2BP



LR06EE4BP



| Item: | Size: | Type: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-----------|-----------|-------|----------|-------------|-----|------|------|------|
| LR03EE2BP | Micro AAA | S | 1.5 V | 44.5 x 10.5 | 2x | 0,82 | 0,73 | 0,70 |
| LR03EE4BP | Micro AAA | S | 1.5 V | 44.5 x 10.5 | 4x | 0,82 | 0,73 | 0,70 |
| LR06EE2BP | Mignon AA | M | 1.5 V | 50.5 x 14.5 | 2x | 0,82 | 0,73 | 0,70 |
| LR06EE4BP | Mignon AA | M | 1.5 V | 50.5 x 14.5 | 4x | 0,82 | 0,73 | 0,70 |
| LR14EE2BP | Baby C | L | 1.5 V | 50.0 x 26.0 | 2x | 1,18 | 1,04 | 1,00 |
| LR20EE2BP | Mono D | XL | 1.5 V | 61.5 x 33.6 | 2x | 1,57 | 1,39 | 1,33 |

Varta Longlife Extra



V4103



V4106



V4114



V4120



V4122

The new Longlife Extra range completes the VARTA battery assortment: With its improved alkaline-based formula it provides long-lasting energy to all applications with a constant and low energy consumption

- Suitable for:
- ▶ alarm clocks
 - ▶ wall clocks
 - ▶ torches
 - ▶ remote controls

System: Alkali

| Item: | Size: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
|-------|-------------|-----|------|------|-------|
| V4103 | Micro AAA | 1x | 0,34 | 0,30 | 0,29 |
| V4106 | Mignon AA | 1x | 0,34 | 0,30 | 0,29 |
| V4114 | Baby C | 1x | 0,72 | 0,63 | 0,61 |
| V4120 | Mono D | 1x | 0,98 | 0,86 | 0,83 |
| V4122 | 9 V - Block | 1x | 1,22 | 1,08 | 1,04 |

Varta Longlife Extra - Blister



V4103BL



V4106BL



V4114BL



V4120BL



V4122BL

The new Longlife Extra range completes the VARTA battery assortment: With its improved alkaline-based formula it provides long-lasting energy to all applications with a constant and low energy consumption

- Suitable for:
- ▶ alarm clocks
 - ▶ wall clocks
 - ▶ torches
 - ▶ remote controls

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

System: Alkali

| Item: | Size: | PU: | ≥ 4 | ≥ 20 | ≥ 120 |
|---------|-----------|-----|------|------|-------|
| V4103BL | Micro AAA | 4x | 0,34 | 0,30 | 0,29 |
| V4106BL | Mignon AA | 4x | 0,35 | 0,31 | 0,30 |

| Item: | Size: | PU: | ≥ 2 | ≥ 20 | ≥ 120 |
|---------|--------|-----|------|------|-------|
| V4114BL | Baby C | 2x | 0,69 | 0,61 | 0,59 |
| V4120BL | Mono D | 2x | 0,98 | 0,86 | 0,83 |

| Item: | Size: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|---------|-------------|-----|------|------|------|
| V4122BL | 9 V - Block | 1x | 1,24 | 1,09 | 1,05 |

Varta High Energy

High Energy - Unbeatable performance for energy-intensive applications

Suitable for:

- ▶ toys
- ▶ audio equipment
- ▶ gameboys
- ▶ smoke detector

System: Alkali



V4906



V4903



V4920



V4914



V4912



V4922

| Item: | Size: | ≥ 1 | ≥ 20 | ≥ 100 |
|-------|--------------|------|------|-------|
| V4903 | Micro AAA | 0,34 | 0,30 | 0,29 |
| Item: | Size: | ≥ 4 | ≥ 20 | ≥ 100 |
| V4906 | Mignon AA | 0,34 | 0,30 | 0,29 |
| Item: | Size: | ≥ 1 | ≥ 20 | ≥ 100 |
| V4914 | Baby C | 0,75 | 0,66 | 0,63 |
| V4920 | Mono D | 1,06 | 0,94 | 0,90 |
| V4922 | 9 V - Block | 1,32 | 1,17 | 1,12 |
| V4912 | 4.5 V - Flat | 2,66 | 2,35 | 2,25 |

Varta High Energy - Blister



V4903BL



V4906BL



V4914BL



V4920BL



V4922BL

High Energy - Unbeatable performance for energy-intensive applications

- Suitable for:
- ▶ toys
 - ▶ audio equipment
 - ▶ gameboys
 - ▶ smoke detector

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

System: Alkali

| Item: | Size: | PU: | ≥ 4 | ≥ 20 | ≥ 120 |
|---------|-----------|-----|------|------|-------|
| V4903BL | Micro AAA | 4x | 0,37 | 0,32 | 0,31 |
| V4906BL | Mignon AA | 4x | 0,37 | 0,32 | 0,31 |

| Item: | Size: | PU: | ≥ 2 | ≥ 20 | ≥ 120 |
|---------|--------|-----|------|------|-------|
| V4914BL | Baby C | 2x | 0,77 | 0,68 | 0,65 |
| V4920BL | Mono D | 2x | 1,07 | 0,94 | 0,90 |

| Item: | Size: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|---------|-------------|-----|------|------|------|
| V4922BL | 9 V - Block | 1x | 1,34 | 1,18 | 1,13 |

Varta Max-Tech



V4703



V4706

Intelligent performance for intelligent devices. Up to 50 % better than comparable Varta alkaline batteries.

Minimum order quantity = 1 PU = 4 pcs!

The prices are generally calculated apiece!

System: Alkali

| Item: | Size: | PU: | ≥ 4 | ≥ 20 | ≥ 100 |
|-------|-----------|-----|------|------|-------|
| V4703 | Micro AAA | 4x | 0,48 | 0,42 | 0,41 |
| V4706 | Mignon AA | 4x | 0,47 | 0,42 | 0,40 |

Duracell



MN9100

DURACELL alkaline battery for applications in the field of security.

System: Alkali

| Item: | Size: | Description: | ≥ 1 | ≥ 50 | ≥ 100 |
|--------|-------|--------------|------|------|-------|
| MN9100 | Lady | bulk Ware | 0,63 | 0,58 | 0,55 |

Batteries

Duracell Plus

Duracell Plus - at the heart of your devices for all your power needs.

Suitable for:

- ▶ alarm clock
- ▶ clocks
- ▶ diskmen
- ▶ pocket lamps
- ▶ remote control
- ▶ phones

System: Alkali



MN1500P



MN2400P



MN1300P



MN1400P



MN1604P

| Item: | Size: | ≥ 1 | ≥ 50 | ≥ 100 |
|---------|-------------|------|------|-------|
| MN2400P | Micro AAA | 0,35 | 0,32 | 0,30 |
| MN1500P | Mignon AA | 0,35 | 0,32 | 0,30 |
| MN1400P | Baby C | 0,79 | 0,72 | 0,69 |
| MN1300P | Mono D | 1,07 | 0,98 | 0,94 |
| MN1604P | 9 V - Block | 1,31 | 1,20 | 1,15 |

Duracell Plus - Blister

Duracell Plus - at the heart of your devices for all your power needs.

Suitable for:

- ▶ alarm clock
- ▶ clocks
- ▶ diskmen
- ▶ pocket lamps
- ▶ remote control
- ▶ phones

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

System: Alkali



MN1400PBL2



MN1500PBL4



MN2400PBL4



MN1203PBL



MN1604PBL



MN1300PBL2

| Item: | Size: | PU: | ≥ 4 | ≥ 48 | ≥ 96 |
|------------|-----------|-----|------|------|------|
| MN2400PBL4 | Micro AAA | 4x | 0,71 | 0,65 | 0,62 |
| MN1500PBL4 | Mignon AA | 4x | 0,71 | 0,65 | 0,62 |

| Item: | Size: | PU: | ≥ 2 | ≥ 48 | ≥ 96 |
|------------|--------|-----|------|------|------|
| MN1400PBL2 | Baby C | 2x | 1,25 | 1,14 | 1,09 |
| MN1300PBL2 | Mono D | 2x | 1,25 | 1,14 | 1,09 |

| Item: | Size: | PU: | ≥ 1 | ≥ 50 | ≥ 100 |
|-----------|--------------|-----|------|------|-------|
| MN1604PBL | 9 V - Block | 1x | 2,43 | 2,22 | 2,13 |
| MN1203PBL | 4.5 V - Flat | 1x | 2,31 | 2,10 | 2,01 |

Duracell Ultra - Blister



MN2400M3/4



MN1500M3/4



MN1400M3/2



MN1300M3/2



MN1604M3

No other alkaline last longer
Does your battery perform well in one appliance, but does not last very long in another one?
Try NEW Duracell Ultra!
It is specifically designed to be the longest lasting Duracell alkaline in all devices.
Every Ultra battery has a Powercheck Tester, so you always know how much energy is left inside.

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

System: Alkali

| Item: | Size: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|------------|-----------|-----|------|------|------|
| MN2400M3/4 | Micro AAA | 4x | 0,90 | 0,82 | 0,79 |
| MN1500M3/4 | Mignon AA | 4x | 0,90 | 0,82 | 0,79 |
| Item: | Size: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| MN1400M3/2 | Baby C | 2x | 1,50 | 1,37 | 1,31 |
| MN1300M3/2 | Mono D | 2x | 1,50 | 1,37 | 1,31 |
| Item: | Size: | PU: | ≥ 1 | ≥ 5 | ≥ 10 |
| MN1604M3 | 9 V-Block | 1x | 2,95 | 2,69 | 2,58 |

*based on the average of testing for devices used most!

Duracell Procell



P2400



P1500



P1400



P1300



P1604

The DURACELL - ProCell series was designed specifically for professional users developed.

- ▶ high power alkaline battery
- ▶ not available in the consumer business
- ▶ efficient function over a wide temperature range
- ▶ high resistance to vibrations and shocks
- ▶ devices protection warranty
- ▶ quicksilver- and cadmiumfree

System: Alkali

| Item: | Size: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|-----------|------|------|------|
| P2400 | Micro AAA | 0,29 | 0,28 | 0,27 |
| P1500 | Mignon AA | 0,31 | 0,29 | 0,28 |
| P1400 | Baby C | 0,63 | 0,61 | 0,59 |
| P1300 | Mono D | 0,96 | 0,93 | 0,90 |
| P1604 | 9 V-Block | 1,19 | 1,15 | 1,11 |

GP Super Alkaline

- ▶ powerful alkali battery
- ▶ ideal for electronic devices with middle up to high power requirement
- ▶ leak proof
- ▶ without quicksilver



The prices are generally calculated apiece!

▶ **Specification:**

System: Alkali

Dimensions (mm)



LR14GP2



LR03GP12

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
|----------|-------------|----------|--------------------|---------------|------|------|------|
| LR03GP | Micro AAA | 1.5 V | 44.5 x 10.5 | bulk | 0,27 | 0,24 | 0,23 |
| LR03GP12 | Micro AAA | 1.5V | 44.5 x 10.5 | 12 Value Pack | 0,26 | 0,24 | 0,23 |
| LR06GP | Mignon AA | 1.5 V | 50.5 x 14.5 | bulk | 0,27 | 0,24 | 0,23 |
| LR06GP16 | Mignon AA | 1.5 V | 50.5 x 14.5 | 16 Value Pack | 0,24 | 0,23 | 0,21 |
| LR14GP2 | Baby C | 1.5 V | 26.2 x 50.0 | 2 Value Pack | 0,75 | 0,68 | 0,65 |
| LR20GP2 | Mono D | 1.5 V | 34.2 x 61.5 | 2 Value Pack | 0,92 | 0,83 | 0,80 |
| 6LR61GP | 9 V - Block | 9.0 V | 47.5 x 16.5 x 25.5 | bulk | 1,21 | 1,10 | 1,05 |

GP Super Alkaline - Blister



- ▶ powerful alkali battery
- ▶ ideal for electronic devices with middle up to high power requirement
- ▶ leak proof
- ▶ without quicksilver



LR01GPBL



LR03GPBL



LR06GPBL



LR14GPBL



LR20GPBL



6LR61GPBL

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:**

System: Alkali

Dimensions (mm)

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
|-----------|-------------|----------|--------------------|-----|------|------|------|
| LR01GPBL | Lady N | 1.5 V | 30.2 x 12.0 | 2x | 0,67 | 0,61 | 0,59 |
| LR03GPBL | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x | 0,30 | 0,27 | 0,26 |
| LR06GPBL | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x | 0,30 | 0,27 | 0,26 |
| LR14GPBL | Baby C | 1.5 V | 50.0 x 26.2 | 2x | 0,83 | 0,76 | 0,72 |
| LR20GPBL | Mono D | 1.5 V | 61.5 x 34.2 | 2x | 1,03 | 0,94 | 0,90 |
| 6LR61GPBL | 9 V - Block | 9.0 V | 47.5 x 16.5 x 25.5 | 1x | 1,34 | 1,22 | 1,17 |

Batteries

GP Ultra Plus - Blister

High power by current intensive devices (ca. 20-30%) compared to other alkaline batteries

- ▶ suitable for digital cameras, flash units, MP3-Player, toys with remote controls and many other devices with high power consumption

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

▶ Specification:

System: Alkali

Dimensions (mm)



LR14GPUPBL



LR06GPUPBL



LR03GPUPBL



6LR61GPUPBL



LR20GPUPBL



| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|------------|-----------|----------|-------------|--------------------|------|------|------|
| LR03GPUPBL | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x blister package | 0,37 | 0,34 | 0,33 |
| LR06GPUPBL | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x blister package | 0,37 | 0,34 | 0,33 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
|------------|--------|----------|-------------|--------------------|------|------|------|
| LR14GPUPBL | Baby C | 1.5 V | 50.0 x 26.2 | 2x blister package | 0,93 | 0,84 | 0,80 |
| LR20GPUPBL | Mono D | 1.5 V | 61.5 x 34.2 | 2x blister package | 1,13 | 1,03 | 0,98 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------------|-----------|----------|--------------------|--------------------|------|------|------|
| 6LR61GPUPBL | 9 V-Block | 1.5 V | 47.5 x 16.5 x 25.5 | 1x blister package | 1,74 | 1,58 | 1,52 |

Batteries - Standard

Lithium

Camelion

- ▶ very high power density
- ▶ up to 15 years durability / shelf life
- ▶ up to 7x longer lasting (constant current)
- ▶ 30 % lower weight
- ▶ ideal for digital application

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ Specification:

System: Lithium

Dimensions (mm)



FR6BP2C



FR3BP2C

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
|---------|-----------|----------|-------------|--------------------|------|------|------|
| FR3BP2C | Micro AAA | 1.5 V | 44.5 x 10.5 | 2x blister package | 1,39 | 1,35 | 1,29 |
| FR6BP2C | Mignon AA | 1.5 V | 50.5 x 14.5 | 2x blister package | 1,48 | 1,43 | 1,37 |

The delivery will be according to the special rule 188 ADR!

Energizer



FR3AAA/4



FR6AA

- ▶ ideal for digital devices with high power requirement, for example MP3-Player, digital cameras
- ▶ AA-Batteries e.g. takes up to 630 pictures
- ▶ AAA-Batteries e.g. for up to 18 hours music
- ▶ 15 years stockable

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

System: Lithium

| Item: | Size: | Voltage: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|----------|-----------|----------|-----|------|------|------|
| FR3AAA | Micro AAA | 1.5 V | 2x | 2,13 | 1,94 | 1,86 |
| Item: | Size: | Voltage: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| FR3AAA/4 | Micro AAA | 1.5 V | 4x | 2,10 | 1,92 | 1,84 |
| Item: | Size: | Voltage: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
| FR6AA | Mignon AA | 1.5 V | 2x | 2,21 | 2,02 | 1,93 |
| Item: | Size: | Voltage: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| FR6AA/4 | Mignon AA | 1.5 V | 4x | 2,19 | 1,98 | 1,90 |

The delivery will be according to the special rule 188 ADR!

Camelion

- ▶ PVC jackets for outstanding durability and economy
- ▶ long shelf and service life
- ▶ ideal for flashlights, radio cassettes, recorders, remote controls and clocks



Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:**

System: Zinc-Carbon

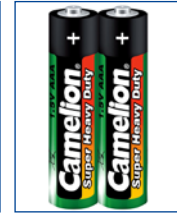
Dimensions (mm)



R6PSP2GC



R3PSP4GC



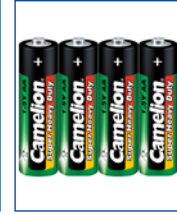
R3PSP2GC



R20PSP2GC



R14PSP2GC



R6PSP4GC



4R25SP1GC



3R12SP1GC



6F22SP1GC

| | | | | | | | |
|--------------|--------------|-----------------|--------------------|------------|----------|-----------|------------|
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| R3PSP2GC | Mikro AAA | 1.5 V | 44.5 x 10.5 | 2 | 0,116 | 0,112 | 0,107 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| R3PSP4GC | Mikro AAA | 1.5 V | 44.5 x 10.5 | 4 | 0,107 | 0,104 | 0,099 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| R6PSP2GC | Mignon AA | 1.5 V | 50.5 x 14.5 | 2 | 0,116 | 0,112 | 0,107 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| R6PSP4GC | Mignon AA | 1.5 V | 50.5 x 14.5 | 4 | 0,107 | 0,104 | 0,099 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| R14PSP2GC | Baby C | 1.5 V | 50.0 x 26.2 | 2 | 0,281 | 0,272 | 0,260 |
| R20PSP2GC | Mono D | 1.5 V | 50.0 x 26.2 | 2 | 0,371 | 0,360 | 0,344 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
| 6F22SP1GC | 9 V-Block | 9.0 V | 48.5 x 17.5 | 1 | 0,413 | 0,400 | 0,383 |
| 3R12SP1GC | 4,5V-Flach | 4.5 V | 65,5 x 22.0 | 1 | 0,578 | 0,560 | 0,536 |
| 4R25SP1GC | 4R25 | 6.0 V | 115.0 x 68.2 | 1 | 1,601 | 1,552 | 1,484 |

Camelion - Blister

NEW Camelion



R3BP4GC



R6BP4GC



R14BP2GC



R20BP2GC



6F22BP1GC



3R12BP1GC



2R10BP1GC

- ▶ PVC jackets for outstanding durability and economy
- ▶ long shelf and service life
- ▶ ideal for flashlights, radio cassettes, recorders, remote controls and clocks

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:**
System: Zinc-Carbon

Dimensions (mm)

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|-----------|------------|----------|-------------|---------------------|-------|-------|-------|
| R3BP4GC | Micro AAA | 1.5 V | 44.5 x 10.5 | 4er blister package | 0,120 | 0,116 | 0,111 |
| R6BP4GC | Mignon AA | 1.5 V | 50.5 x 14.5 | 4er blister package | 0,120 | 0,116 | 0,111 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 10 | ≥ 20 |
| R14BP2GC | Baby C | 1.5 V | 50.0 x 26.2 | 2er blister package | 0,264 | 0,256 | 0,245 |
| R20BP2GC | Mono D | 1.5 V | 50.0 x 26.2 | 2er blister package | 0,388 | 0,376 | 0,360 |
| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
| 6F22BP1GC | 9 V-Block | 9.0 V | 48.5 x 17.5 | 1er blister package | 0,462 | 0,448 | 0,428 |
| 3R12BP1GC | 4,5V-Flach | 4.5 V | 65.5 x 22.0 | 1er blister package | 0,644 | 0,624 | 0,597 |
| 2R10BP1GC | 2R10 | 3.0 V | 74.6 x 21.8 | 1er blister package | 0,594 | 0,576 | 0,551 |

Panasonic Plus Power

Panasonics Special Power batteries provide an economical power source for devices requiring low drain intermittent usage.

The prices are generally calculated apiece!

► **Specification:**

System: Zinc-Carbon

Dimensions (mm)



R14R



R06R



6F22R



R20R



3R12R

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 48 | ≥ 96 |
|-------|-------------|----------|--------------------|-----|------|------|------|
| R06R | Mignon AA | 1.5 V | 50.5 x 14.5 | 48 | 0,20 | 0,17 | 0,16 |
| R14R | Baby C | 1.5 V | 50.0 x 26.2 | 24 | 0,29 | 0,26 | 0,25 |
| R20R | Mono D | 1.5 V | 61.5 x 34.2 | 24 | 0,42 | 0,37 | 0,36 |
| 6F22R | 9 V - Block | 9.0 V | 48.5 x 17.5 x 26.5 | 12 | 0,77 | 0,68 | 0,65 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
|-------|--------------|----------|--------------------|-----|------|------|-------|
| 3R12R | 4.5 V - Flat | 4.5 V | 67.0 x 67.0 x 22.0 | 20 | 0,90 | 0,79 | 0,76 |

Panasonic Plus Power - Blister

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

System: Zinc-Carbon

Dimensions (mm)



R06RBL4

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 4 | ≥ 48 | ≥ 96 |
|---------|-----------|----------|-------------|-----|------|------|------|
| R03RBL4 | Micro AAA | 1.5 V | 44.5 x 10.5 | 4x | 0,21 | 0,18 | 0,17 |
| R06RBL4 | Mignon AA | 1.5 V | 50.5 x 14.5 | 4x | 0,18 | 0,16 | 0,14 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 2 | ≥ 48 | ≥ 96 |
|---------|--------|----------|-------------|-----|------|------|------|
| R14RBL2 | Baby C | 1.5 V | 50.0 x 26.2 | 2x | 0,30 | 0,28 | 0,26 |
| R20RBL2 | Mono D | 1.5 V | 61.5 x 34.2 | 2x | 0,43 | 0,38 | 0,37 |

| Item: | Size: | Voltage: | Dimensions: | PU: | ≥ 1 | ≥ 48 | ≥ 96 |
|----------|-------------|----------|--------------------|-----|------|------|------|
| 6F22RBL1 | 9 V - Block | 9.0 V | 48.5 x 17.5 x 26.5 | 1x | 0,77 | 0,68 | 0,65 |

Micro



A110AAA/4

A110AAA

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|-----------|--------------|-------------|------|------|------|------|
| A110AAA/4 | 1100 mAh | 10.5 x 44.0 | 4x | 2,41 | 2,21 | 2,12 |
| A110AAA/2 | 1100 mAh | 10.5 x 44.0 | 2x | 2,49 | 2,28 | 2,19 |
| A110AAA | 1100 mAh | 10.5 x 44.0 | bulk | 2,35 | 2,14 | 2,04 |

Mignon



A285AA/4

A270DIG

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-----------|--------------|-------------|------|------|------|------|
| A270DIG/2 | 2700 mAh | 14.5 x 50.0 | 2x | 3,70 | 3,36 | 3,22 |
| A285AA/2 | 2850 mAh | 14.5 x 50.0 | 2x | 3,87 | 3,51 | 3,39 |
| A240AA/4 | 2400 mAh | 14.5 x 50.0 | 4x | 2,97 | 2,70 | 2,58 |
| A270DIG/4 | 2700 mAh | 14.5 x 50.0 | 4x | 3,61 | 3,28 | 3,14 |
| A285AA/4 | 2850 mAh | 14.5 x 50.0 | 4x | 3,73 | 3,40 | 3,26 |
| A240AA | 2400 mAh | 14.5 x 50.0 | bulk | 3,04 | 2,76 | 2,64 |
| A270AA | 2700 mAh | 14.5 x 50.0 | bulk | 3,56 | 3,23 | 3,09 |
| A270DIG | 2700 mAh | 14.5 x 50.0 | bulk | 3,56 | 3,23 | 3,09 |
| A285AA | 2850 mAh | 14.5 x 50.0 | bulk | 3,56 | 3,23 | 3,09 |

Baby

The prices are generally calculated apiece!



Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metal-Hydride

Dimensions (mm)



A450C

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|---------|--------------|-------------|-----|------|------|------|
| A450C/2 | 4500 mAh | 26.0 x 49.0 | 2x | 6,63 | 6,03 | 5,77 |

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|--------------|-------------|------|------|------|------|
| A450C | 4500 mAh | 26.0 x 49.0 | bulk | 6,08 | 5,53 | 5,29 |

Mono

The prices are generally calculated apiece!



Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metal-Hydride

Dimensions (mm)



A1000D

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|----------|--------------|-------------|-----|-------|-------|-------|
| A1000D/2 | 10000 mAh | 33.5 x 61.0 | 2x | 12,30 | 11,21 | 10,74 |

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|--------------|-------------|------|-------|-------|-------|
| A1000D | 10000 mAh | 33.5 x 61.0 | bulk | 12,11 | 11,00 | 10,52 |

9 V-Block

The prices are generally calculated apiece!



Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 8.4 V
System: Nickel-Metal-Hydride

Dimensions (mm)



A250V

| Item: | Capacitance: | W x L: | PU: | ≥ 1 | ≥ 5 | ≥ 10 |
|-------|--------------|-------------|-----|-------|------|------|
| A250V | 250 mAh | 26.5 x 17.5 | 1x | 10,27 | 9,33 | 8,93 |

maxE - Series

NEW



- ▶ up to 1000 times rechargeable
- ▶ very low self discharge
- ▶ ready to use right away (cell is pre-charged)
- ▶ high current output
- ▶ no special charger needed
- ▶ perfect for nearly all applications



MAXE80AAA/2



MAXE210AA/2



MAXE250AA/2

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!



MAXE450C/2



MAXE850D/2



MAXE209V/1

▶ **Specification:**

Voltage:

1.2 V by round cells
8.4 V by 9 V - Blocks

System:

Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-------------|-----------|--------------|-------------|-----|------|------|------|
| MAXE80AAA/2 | Micro AAA | 800 mAh | 10.5 x 44.0 | 2x | 2,07 | 1,88 | 1,80 |
| MAXE210AA/2 | Mignon AA | 2100 mAh | 14.5 x 50.0 | 2x | 2,07 | 1,88 | 1,80 |
| MAXE250AA/2 | Mignon AA | 2500 mAh | 14.5 x 50.0 | 2x | 3,33 | 3,02 | 2,89 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 50 | ≥ 100 | ≥ 200 |
|--------------|-----------|--------------|-------------|-----|------|-------|-------|
| MAXE250AA/50 | Mignon AA | 2500 mAh | 14.5 x 50.0 | 50x | 3,21 | 2,92 | 2,79 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|------------|--------|--------------|-------------|-----|------|------|------|
| MAXE450C/2 | Baby C | 4500 mAh | 25.8 x 50.0 | 2x | 6,20 | 5,63 | 5,39 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 25 | ≥ 50 | ≥ 100 |
|-------------|--------|--------------|-------------|-----|------|------|-------|
| MAXE450C/25 | Baby C | 4500 mAh | 25.8 x 50.0 | 25x | 6,20 | 5,63 | 5,39 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|------------|--------|--------------|-------------|-----|------|------|------|
| MAXE850D/2 | Mono D | 8500 mAh | 33.0 x 61.5 | 2x | 9,24 | 8,40 | 8,03 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 10 | ≥ 50 | ≥ 100 |
|-------------|--------|--------------|-------------|-----|------|------|-------|
| MAXE850D/10 | Mono D | 8500 mAh | 33.0 x 61.5 | 10x | 9,01 | 8,19 | 7,83 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 1 | ≥ 50 | ≥ 100 |
|------------|-------------|--------------|--------------------|-----|------|------|-------|
| MAXE209V/1 | 9 V - Block | 200 mAh | 26.5 x 17.5 x 48.5 | 1x | 7,05 | 6,41 | 6,13 |

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 25 | ≥ 50 | ≥ 100 |
|-------------|-------------|--------------|--------------------|-----|------|------|-------|
| MAXE209V/25 | 9 V - Block | 200 mAh | 26.5 x 17.5 x 48.5 | 25x | 6,95 | 6,31 | 6,04 |

Information

Camelion

- ▶ short-circuit proof, overheating and overload
- ▶ high cycle stability
- ▶ fast loadable
- ▶ high-current able
- ▶ maintenance-free
- ▶ no memory effect



Micro

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metal-Hydride

Dimensions (mm)



NHAAA110BP4C

NHAAA80BP2C

NHAAA60BP4C

| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|--------------|--------------|-------------|--------------------|------|------|------|
| NHAAA60BP4C | 600 mAh | 10.0 x 44.0 | 4x blister package | 0,72 | 0,70 | 0,67 |
| NHAAA80BP2C | 800 mAh | 10.0 x 44.0 | 2x blister package | 0,91 | 0,88 | 0,84 |
| NHAAA110BP4C | 1100 mAh | 10.0 x 44.0 | 4x blister package | 1,23 | 1,20 | 1,14 |

Mignon

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metal-Hydride

Dimensions (mm)



NHAA270BP4C

NHAA250BP4C

NHAA180BP4C

| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|-------------|--------------|-------------|--------------------|------|------|------|
| NHAA180BP4C | 1800 mAh | 14.1 x 50.5 | 4x blister package | 1,43 | 1,39 | 1,33 |
| NHAA250BP4C | 2500 mAh | 14.1 x 50.5 | 4x blister package | 2,01 | 1,95 | 1,87 |
| NHAA270BP4C | 2700 mAh | 14.1 x 50.5 | 4x blister package | 2,31 | 2,24 | 2,14 |

Baby

NEW Camelion



NHC350BP2C

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|------------|--------------|-------------|--------------------|------|------|------|
| NHC350BP2C | 3500 mAh | 25.5 x 49.5 | 2x blister package | 3,79 | 3,67 | 3,51 |

Mono

NEW Camelion



NHD700BP2C



NHD1000BP2C

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-------------|--------------|-------------|--------------------|------|------|------|
| NHD700BP2C | 7000 mAh | 32.5 x 61.0 | 2x blister package | 6,27 | 6,08 | 5,81 |
| NHD1000BP2C | 10000 mAh | 32.5 x 61.0 | 2x blister package | 8,24 | 7,99 | 7,64 |

9 V-Block

NEW Camelion



NH9V25BP1C

Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

► **Specification:**

Voltage: 8.4 V
System: Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Capacitance: | W x L: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
|------------|--------------|-------------|--------------------|------|------|-------|
| NH9V25BP1C | 120 mAh | 15.5 x 48.5 | 1x blister package | 4,37 | 4,24 | 4,05 |

AlwaysReady

- ▶ to 100 % preloaded
- ▶ directly ready for use
- ▶ low self-discharge
- ▶ universal usable
- ▶ up to 1000x rechargeable
- ▶ suitable for all charger



Minimum order quantity = 1 PU!

The prices are generally calculated apiece!

▶ **Specification:**

Voltage: 1.2 V
System: Nickel-Metal-Hydride

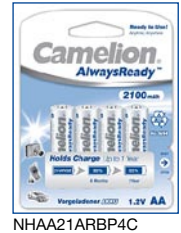
Dimensions (mm)



NHAA21ARBP2C

NHAAA8ARBP4C

NHAAA8ARBP2C



NHAA21ARBP4C

| | | | | | | | |
|--------------|--------------|---------------------|---------------|--------------------|------------|-------------|-------------|
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
| NHAAA8ARBP2C | Micro AAA | 800 mAh | 44.5 x 10.5 | 2x blister package | 1,15 | 1,11 | 1,06 |
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| NHAAA8ARBP4C | Micro AAA | 800 mAh | 44.5 x 10.5 | 4x blister package | 1,13 | 1,10 | 1,05 |
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
| NHAA21ARBP2C | Mignon AA | 2300 mAh | 50.5 x 14.5 | 2x blister package | 1,56 | 1,51 | 1,45 |
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| NHAA21ARBP4C | Mignon AA | 2300 mAh | 50.5 x 14.5 | 4x blister package | 1,54 | 1,50 | 1,43 |

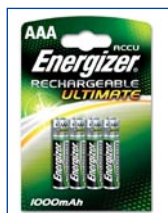
Micro



HR3E700



HR3E850



HR3E1000

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metall-Hydride
- Dimensions (mm)**

| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|----------|--------------|-------------|-----|------|------|------|
| HR3E700 | 700 mAh | 10.5 x 44.5 | 4x | 1,18 | 1,08 | 1,03 |
| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
| HR3E850 | 850 mAh | 10.5 x 44.5 | 2x | 1,41 | 1,29 | 1,24 |
| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| HR3E1000 | 1000 mAh | 10.5 x 44.5 | 4x | 1,82 | 1,66 | 1,59 |

Mignon



HR6E1300



HR6E2000



HR6E2200



HR6E2450



HR6E2650

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metall-Hydride
- Dimensions (mm)**

| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|----------|--------------|-------------|------------|------|------|------|
| HR6E1300 | 1300 mAh | 14.5 x 50.5 | 4x | 1,18 | 1,08 | 1,03 |
| HR6E2000 | 2000 mAh | 14.5 x 50.5 | 4x | 1,58 | 1,44 | 1,38 |
| HR6E2200 | 2200 mAh | 14.5 x 50.5 | 4x | 2,54 | 2,31 | 2,21 |
| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
| HR6E2450 | 2450 mAh | 14.5 x 50.5 | 2x | 2,40 | 2,19 | 2,10 |
| HR6E2650 | 2650 mAh | 14.5 x 50.5 | 2x Blister | 2,89 | 2,55 | 2,44 |

Batteries

Baby

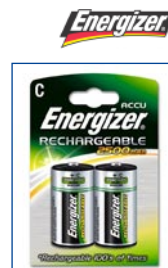
The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



HR14E2500

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|-----------|--------------|-------------|-----|------|------|------|
| HR14E2500 | 2500 mAh | 26.0 x 50.5 | 2x | 3,67 | 3,35 | 3,21 |

Mono

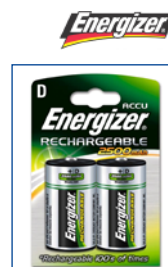
The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



HR20E2500

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 10 | ≥ 50 |
|-----------|--------------|-------------|-----|------|------|------|
| HR20E2500 | 2500 mAh | 33.0 x 60.5 | 2x | 3,79 | 3,46 | 3,32 |

9 V-Block

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 8.4 V
System: Nickel-Metall-Hydride

Dimensions (mm)



HR22

| Item: | Capacitance: | W x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------|--------------|-------------|-----|------|------|------|
| HR22 | 175 mAh | 17.0 x 48.5 | 1x | 4,98 | 4,54 | 4,35 |

Micro



The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
- Capacitance:** 1000 mAh
- System:** Nickel-Metall-Hydride

Dimensions (mm)



GP65AAAABL

GP100AAA

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-------------|--------------|-------------|-----|------|------|------|
| GP65AAAABL | 650 mAh | 10.5 x 44.5 | 2x | 1,45 | 1,31 | 1,26 |
| GP100AAAABL | 1000 mAh | 10.5 x 44.5 | 2x | 2,46 | 2,24 | 2,14 |

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
|----------|--------------|-------------|------|------|------|------|
| GP100AAA | 1.2 V | 10.5 x 44.5 | bulk | 2,10 | 1,90 | 1,82 |

Accessories

| Item: | Description | Page | Item: | Description | Page |
|-------------|--------------------|------|------------|-------------------|------|
| POWERBV800C | GP PowerBank V800C | 1224 | POWERBH500 | GP PowerBank H500 | 1224 |

Mignon



The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
- Voltage:** 1.2 V
- System:** Nickel-Metall-Hydride

Dimensions (mm)



GP250AABL

GP250AA

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-----------|--------------|-------------|-----|------|------|------|
| GP130AABL | 1300 mAh | 14.5 x 50.5 | 2x | 1,46 | 1,42 | 1,32 |
| GP250AABL | 2500 mAh | 14.5 x 50.5 | 2x | 2,89 | 2,63 | 2,51 |
| GP270AABL | 2700 mAh | 14.5 x 50.5 | 2x | 3,52 | 3,20 | 3,06 |

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|---------|--------------|-------------|------|------|------|------|
| GP250AA | 2500 mAh | 14.5 x 50.5 | bulk | 2,43 | 2,35 | 2,27 |
| GP270AA | 2700 mAh | 14.5 x 50.5 | bulk | 3,47 | 3,15 | 3,02 |

Baby

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



GP3500CBL

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-----------|--------------|-------------|-----|------|------|------|
| GP3500CBL | 3500 mAh | 26.2 x 50.0 | 2x | 4,61 | 4,45 | 4,30 |

Mono

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



GP900D



GP900DBL

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|----------|--------------|-------------|-----|-------|-------|-------|
| GP900DBL | 9000 mAh | 34.2 x 61.5 | 2x | 11,58 | 10,52 | 10,07 |

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|--------------|-------------|------|-------|------|------|
| GP900D | 9000 mAh | 34.2 x 61.5 | bulk | 10,42 | 9,47 | 9,06 |

9 V-Block

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 8.4 V
System: Nickel-Metall-Hydride

Dimensions (mm)



GP20EBL

| Item: | Capacitance: | W x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|---------|--------------|-------------|-----|------|------|------|
| GP20EBL | 200 mAh | 26.5 x 48.5 | 1x | 7,61 | 7,37 | 6,87 |

ReCyko - Series



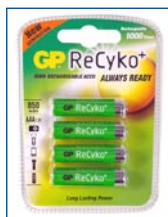
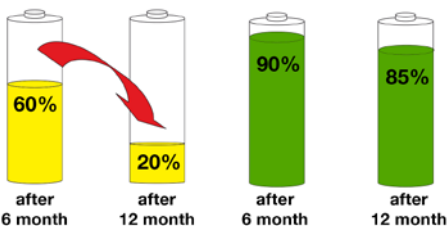
Thanks new technology: Summoned batteries with extreme lower self discharge

- ▶ environment-friendly
- ▶ enormous savings
- ▶ directly applicable
- ▶ long-lasting
- ▶ optimal for all equipments
- ▶ up to 1000 x rechargeable
- ▶ holds 85% capacity after 12 month when left unused

GP ReCyko+ always ready to use

normal batteries

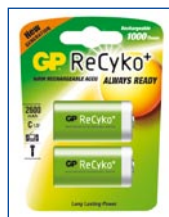
GP ReCyko+ technology



GPRECAAA/4



GPRECAA/2



GPRECC/2



GPRECD/2



GPREC9V

| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|------------|-----------|--------------|-------------|-----|------|------|------|
| GPRECAAA/4 | Micro AAA | 850 mAh | 10.5 x 44.5 | 4x | 1,92 | 1,86 | 1,79 |
| GPRECAA/4 | Mignon AA | 2100 mAh | 14.5 x 50.5 | 4x | 2,25 | 2,18 | 2,10 |
| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
| GPRECAAA/2 | Micro AAA | 850 mAh | 10.5 x 44.5 | 2x | 1,95 | 1,88 | 1,82 |
| GPRECAA/2 | Mignon AA | 2100 mAh | 14.5 x 50.5 | 2x | 2,39 | 2,31 | 2,23 |
| GPRECC/2 | Baby C | 2600 mAh | 26.2 x 50.0 | 2x | 3,99 | 3,91 | 3,80 |
| GPRECD/2 | Mono D | 2600 mAh | 34.2 x 61.5 | 2x | 7,98 | 7,82 | 7,60 |
| Item: | Size: | Capacitance: | Dimensions: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
| GPREC9V | 9 V-Block | 150 mAh | 26.5 x 48.5 | 1x | 6,88 | 6,74 | 6,55 |

Accessories

| Item: | Description | Page |
|-----------|-------------------|------|
| RECYKOLAD | GP ReCyko Charger | 1225 |

Mignon

- ▶ entry-level rechargeable NiMH battery, that can be quickly charged
- ▶ long and stable capacity
- ▶ with up to 340,000 pictures from a set of 4 fully charged AA size batteries, longlasting is an understatement! (*)
- ▶ stable capacity and longer autonomy
- ▶ more power (**): Panasonics premium rechargeable battery that gives up to 790 pictures from only one charge of 4 AA batteries
- ▶ high capacity for longest autonomy without recharging



P260AA/4



P260AA/2



P80AA/2

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

▶ Specification:

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|----------|--------------|-------------|-----|------|------|------|
| P80AA/2 | 800 mAh | 14.5 x 50.5 | 2x | 1,61 | 1,56 | 1,49 |
| P260AA/2 | 2600 mAh | 14.4 x 49.5 | 2x | 2,96 | 2,86 | 2,75 |
| Item: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| P260AA/4 | 2600 mAh | 14.4 x 49.5 | 4x | 2,58 | 2,50 | 2,39 |

* Internal Matsushita testing using 4 aa batteries with up to 2100mah capacity, based on expected total life cycle

** Internal Panasonic Testing 2005 with the Panasonic Lumix digital still camera type LC-43: 4 rechargeable Panasonic Batteries (AA) on first charge compared to 4 alkaline batteries (LR6)

Infinium



P0380AAA/2



P0380AAA/4



P6210AA/2



P6210AA/4

- ▶ **Ready to use:** The Infinium batteries are fully charged at the factory. The Infinium batteries can be used immediately on purchase.
- ▶ **Over 365 days Standby Power:** After one year of storage, up to 80% of the batteries power is still present
- ▶ **Battery for life:** After 1000 charging cycles, Infinium batteries keep their ability to store power – this could be a battery for life!
- ▶ **High reliability:** Suitable for all appliances where long-term stability and reliability are a priority from remote controls to digital cameras.

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

Dimensions (mm)

| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|------------|-----------|--------------|-------------|-----|------|------|------|
| P0380AAA/2 | Micro AAA | 800 mAh | 10.5 x 45.5 | 2x | 2,25 | 2,04 | 1,96 |
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| P0380AAA/4 | Micro AAA | 800 mAh | 10.5 x 45.5 | 4x | 2,07 | 1,88 | 1,80 |
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
| P6210AA/2 | Mignon AA | 2100 mAh | 14.5 x 55.5 | 2x | 2,22 | 2,02 | 1,93 |
| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
| P6210AA/4 | Mignon AA | 2100 mAh | 14.5 x 55.5 | 4x | 2,19 | 1,99 | 1,90 |

Rechargeable Batteries - Standard

Sanyo

Micro



HR4U1000/2



HR4U1000

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

- ▶ **Specification:**
Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)

| Item: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|------------|--------------|-------------|------|------|------|------|
| HR4U1000/2 | 1000 mAh | 10.5 x 44.0 | 2x | 2,38 | 2,31 | 2,11 |
| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
| HR4U1000 | 1000 mAh | 10.5 x 44.0 | bulk | 2,21 | 2,06 | 1,93 |

Micro, with Soldering Tag

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



HR4U1000LF

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|--------------|-------------|------|------|------|------|
| HR4U1000LF | 1000 mAh | 10.5 x 44.2 | bulk | 2,13 | 1,93 | 1,85 |

Mignon

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



HR3U2700



HR3U2500

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|----------|--------------|-------------|------|------|------|------|
| HR3U2500 | 2500 mAh | 14.5 x 50.5 | bulk | 2,14 | 2,07 | 2,00 |
| HR3U2700 | 2700 mAh | 14.5 x 49.5 | bulk | 2,36 | 2,14 | 2,05 |

Mignon, with Soldering Tag

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

► **Specification:**

Voltage: 1.2 V
System: Nickel-Metall-Hydride

Dimensions (mm)



HR3U2700LF



HR3U2500LF

| Item: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|--------------|-------------|------|------|------|------|
| HR3U2500LF | 2500 mAh | 14.5 x 50.0 | bulk | 2,52 | 2,29 | 2,19 |
| HR3U2700LF | 2700 mAh | 14.5 x 50.0 | bulk | 2,80 | 2,55 | 2,44 |

ENELOOP - Series



ENEL80AAA/2



ENEL200AA/2



ENEL80AAA/4



ENEL200AA/4

an combination of rechargeable battery and primary battery

- ▶ can be used right after the purchase
- ▶ high performance
- ▶ long shelf life with no loss of energy
- ▶ can be used everywhere
- ▶ cheap in purchase and usage
- ▶ environmental friendly
- ▶ easy to use

Eneloop has a very low self-discharge, SANYO can ship the batteries to the retailers in a charged state. Also in the shops eneloop loses his charge very slowly. The consumer purchases a charged battery, which can be used immediately.

▶ **Specification:**

Voltage: 1.2 V

| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 5 | ≥ 10 |
|-----------|-----------|--------------|-------------|------|------|------|------|
| ENEL80AAA | Micro AAA | 800 mAh | 10.5 x 44.5 | bulk | 1,68 | 1,63 | 1,55 |
| ENEL200AA | Mignon AA | 2000 mAh | 14.5 x 50.5 | bulk | 2,03 | 1,97 | 1,88 |

| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-------------|-----------|--------------|-------------|-----|------|------|------|
| ENEL80AAA/2 | Micro AAA | 800 mAh | 10.5 x 44.5 | 2x | 2,20 | 2,12 | 2,04 |
| ENEL200AA/2 | Mignon AA | 2000 mAh | 14.5 x 50.5 | 2x | 2,20 | 2,12 | 2,04 |

| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 4 | ≥ 20 | ≥ 40 |
|-------------|-----------|--------------|-------------|-----|------|------|------|
| ENEL80AAA/4 | Micro AAA | 800 mAh | 10.5 x 44.5 | 4x | 2,00 | 1,96 | 1,93 |
| ENEL200AA/4 | Mignon AA | 2000 mAh | 14.5 x 50.5 | 4x | 2,00 | 1,96 | 1,93 |

Rechargeable Batteries - Standard

Ready2Use - Series



V56703BL2



V56736BL2



V56706BL2

- ▶ 100% preloaded and directly ready for use
- ▶ very low self-discharge
- ▶ VARTA Ready2Use rechargeables do not require a special charger

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!

▶ **Specification:**

Voltage: 1.2 V
System: Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 20 | ≥ 40 |
|--------|-----------|--------------|-------------|------|------|------|------|
| V56703 | Micro AAA | 800 mAh | 10.5 x 44.5 | bulk | 2,16 | 1,96 | 1,88 |
| V56706 | Mignon AA | 2100 mAh | 14.5 x 50.5 | bulk | 2,16 | 1,96 | 1,88 |

| Item: | Size: | Capacitance: | Ø x L: | PU: | ≥ 2 | ≥ 20 | ≥ 40 |
|-----------|-----------|--------------|-------------|-----|------|------|------|
| V56703BL2 | Micro AAA | 800 mAh | 10.5 x 44.5 | 2x | 2,21 | 2,02 | 1,93 |
| V56736BL2 | Mignon AA | 800 mAh | 14.5 x 50.5 | 2x | 2,24 | 2,04 | 1,97 |
| V56706BL2 | Mignon AA | 2100 mAh | 14.5 x 50.5 | 2x | 2,21 | 2,02 | 1,93 |



XCell

► Specification:

| | |
|-------------------------------|----------------------|
| Voltage: | 1.2 V |
| Voltage (9 V - Block): | 8.4 V |
| System: | Nickel-Metall-Hydrid |

Dimensions (mm)

XCell - Series

XCell - Batteries are powerful energy storage for many range of application.

Features:

- fast charge compatible
- no memory-effect
- economical, up to 1000 x rechargeable
- high operating time by maximum energy

The prices are generally calculated apiece!

Minimum order quantity = 1 PU!



NH9V



NH6AA



NH3AAA



NH20



NH14

| Item: | Size: | Capacitance: | PU: | ≥ 4 | ≥ 12 | ≥ 48 |
|--------|-----------|--------------|-----|------|------|------|
| NH3AAA | Micro AAA | 1000 mAh | 4x | 0,95 | 0,87 | 0,83 |
| NH6AA | Mignon AA | 2700 mAh | 4x | 1,59 | 1,45 | 1,38 |

| Item: | Size: | Capacitance: | PU: | ≥ 1 | ≥ 5 | ≥ 10 |
|-------|----------|--------------|-----|------|------|------|
| NH9V | 9V-Block | 250 mAh | 1x | 5,63 | 5,12 | 4,89 |
| NH14 | Baby C | 5000 mAh | 1x | 4,96 | 4,50 | 4,31 |
| NH20 | Mono D | 9000 mAh | 1x | 8,15 | 7,41 | 7,09 |

for remote-controlled cars

NEW Camelion



RC908EBPC



RC905NBPC



RC905FBPC

► **Specification:**
System: Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Voltage: | Capacitance: | Dimensions: | PU: | ≥ 1 | ≥ 20 | ≥ 100 |
|-----------|----------|--------------|---------------|---------------------|-------|-------|-------|
| RC908EBPC | 9.6 V | 2000 mAh | 101 x 57 x 15 | 1er blister package | 18,13 | 17,58 | 16,81 |
| RC905NBPC | 7.2 V | 2400 mAh | 134 x 47 x 24 | 1er blister package | 19,78 | 19,18 | 18,34 |
| RC905FBPC | 7.2 V | 3000 mAh | 134 x 47 x 24 | 1er blister package | 23,08 | 22,38 | 21,40 |
| RC905GBPC | 7.2 V | 3300 mAh | 134 x 47 x 24 | 1er blister package | 24,73 | 23,98 | 22,93 |
| RC905PBPC | 7.2 V | 3800 mAh | 134 x 47 x 24 | 1er blister package | 27,21 | 26,38 | 25,23 |
| RC905HBPC | 7.2 V | 4000 mAh | 134 x 47 x 24 | 1er blister package | 29,68 | 28,78 | 27,52 |
| RC905LBPC | 7.2 V | 4300 mAh | 134 x 47 x 24 | 1er blister package | 32,98 | 31,98 | 30,58 |
| RC905TBPC | 7.2 V | 4600 mAh | 134 x 47 x 24 | 1er blister package | 35,46 | 34,38 | 32,88 |

Rechargeable Batteries - Special

GP

Mignon



GP25AAH



GP75AAH

► **Specification:**
System: Nickel-Metal-Hydride

Dimensions (mm)

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|---------|--------|----------|--------------|-------------|------|------|------|------|
| GP25AAH | 1/3 AA | 1.2 V | 250mAh | 14.5 x 16.6 | bulk | 1,25 | 1,21 | 1,16 |
| GP75AAH | 2/3 AA | 1.2 V | 750mAh | 14.5 x 28.7 | bulk | 1,63 | 1,57 | 1,52 |

Batteries

Mignon, with Soldering Tag

► Specification:

System: Nickel-Metal-Hydride

Dimensions (mm)



GP25AAHLF

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|-----------|--------|----------|--------------|-------------|------|------|------|------|
| GP25AAHLF | 1/3 AA | 1.2 V | 250 mAh | 14.5 x 16.6 | bulk | 1,91 | 1,85 | 1,73 |

Lady

Safety instructions:

- this lady-batteries are exclusive to use in devices with own charging function!
- at application for commercial charger exists explosion hazard due to high charging current!

► Specification:

System: Nickel-Metal-Hydride

Dimensions (mm)



GP50NH

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|--------|-------|----------|--------------|-------------|------|------|------|------|
| GP50NH | N | 1.2 V | 500 mAh | 11.7 x 29.4 | bulk | 1,55 | 1,41 | 1,35 |

Industry

► Specification:

System: Nickel-Metal-Hydride

Dimensions (mm)

**NEW**

GP330SCH

| Item: | Size: | Voltage: | Capacitance: | Dimensions: | ≥ 1 | ≥ 10 | ≥ 50 |
|----------|-------------|----------|--------------|--------------------|-------|-------|-------|
| GP17AAA | 1/3 AAA | 1.2 V | 170 mAh | 10.2 x 14,10 | 1,11 | 1,07 | 1,04 |
| GP130AAM | AA | 1.2 V | 1300 mAh | 14.4 x 48.2 | 1,68 | 1,63 | 1,57 |
| GP150AAM | AA | 1.2 V | 1500 mAh | 14.4 x 48.2 | 1,93 | 1,87 | 1,81 |
| GP180AAH | AA | 1.2 V | 1800 mAh | 14.4 x 49.2 | 2,42 | 2,34 | 2,26 |
| GP110AFH | 2/3 AF | 1.2 V | 1100 mAh | 17.0 x 28.5 | 2,13 | 2,06 | 2,00 |
| GP380AFH | 7/5 AF | 1.2 V | 3800 mAh | 17.5 x 67.0 | 4,72 | 4,57 | 4,42 |
| GP330SCH | Sub-C | 1.2 V | 3300 mAh | 23.0 x 43.0 | 4,98 | 4,82 | 4,66 |
| GP900DH | D | 1.2 V | 9000 mAh | 33.0 x 60.0 | 14,15 | 13,69 | 13,24 |
| GP17R9H | 9 V - Block | 9.6 V | 170 mAh | 15.7 x 26.5 x 48.5 | 7,90 | 7,64 | 7,39 |

Industry - with Soldering Tag



- ▶ **Specification:**
- System:** Nickel-Metal-Hydride
- Dimensions (mm)**



GP50NHLF

| Item: | Size: | Voltage: | Capacitance: | Dimensions: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|---------|----------|--------------|--------------|-------|-------|-------|
| GP50NHLF | N | 1.2 V | 500 mAh | 11.65 x 29.4 | 2,19 | 2,12 | 2,05 |
| GP17AAAHLF | 1/3 AAA | 1.2 V | 170 mAh | 10.2 x 14.1 | 1,75 | 1,69 | 1,63 |
| GP75AAHLF | 2/3 AA | 1.2 V | 750 mAh | 14.5 x 28.7 | 2,26 | 2,19 | 2,12 |
| GP130AAMLf | AA | 1.2 V | 1300 mAh | 14.4 x 48.2 | 2,32 | 2,24 | 2,17 |
| GP150AAMLf | AA | 1.2 V | 1500 mAh | 14.4 x 48.2 | 2,57 | 2,49 | 2,41 |
| GP180AAHLF | AA | 1.2 V | 1800 mAh | 14.4 x 49.2 | 3,06 | 2,96 | 2,86 |
| GP110AFHLF | 2/3 AF | 1.2 V | 1100 mAh | 17.0 x 28.5 | 2,77 | 2,68 | 2,59 |
| GP380AFHLF | 7/5 AF | 1.2 V | 3800 mAh | 17.5 x 67.0 | 5,36 | 5,19 | 5,01 |
| GP330SCHLF | Sub-C | 1.2 V | 3300 mAh | 23.0 x 43.0 | 5,62 | 5,44 | 5,26 |
| GP900DHLF | D | 1.2 V | 9000 mAh | 33.0 x 60.0 | 14,79 | 14,31 | 13,83 |

LiPo R/C



- ▶ LiPo technology
- ▶ long endurance
- ▶ long power
- ▶ Tamiya plug system



TC301



TC302

- ▶ **Specification:**
- System:** Lithium-Polymer
- Dimensions (mm)**

| Item: | Size: | Voltage: | Capacitance: | Dimensions: | ≥ 1 | ≥ 3 | ≥ 5 |
|-------|--------------|----------|--------------|-----------------|-------|-------|-------|
| TC301 | Box Hardcase | 7.4 V | 5300 mAh | 138 x 47 x 23.5 | 55,83 | 54,67 | 53,13 |
| TC302 | Box Hardcase | 7.4 V | 4300 mAh | 138 x 47 x 23.5 | 71,78 | 70,29 | 68,31 |

The delivery will be according to the special rule 188 ADR!

Industry

► Specification:

System: Nickel-Metal-Hydride

Dimensions (mm)



HHR70AAAB7



HHR380AB27



HHR80AAAB1B

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------------|-----------|----------|--------------|-------------|------|------|------|------|
| HHR380AB27 | 4/3 A | 1.2 V | 3800 mAh | 17.0 x 67.0 | bulk | 4,12 | 3,99 | 3,86 |
| HHR70AAAB7 | Micro AAA | 1.2 V | 700 mAh | 10.5 x 44.5 | bulk | 1,55 | 1,50 | 1,45 |
| HHR80AAAB1B | Micro AAA | 1.2 V | 780 mAh | 10.5 x 44.5 | bulk | 1,52 | 1,47 | 1,42 |

Rechargeable Batteries - Special

Micro, with Soldering Tag

► Specification:

System: Nickel-Metal-Hydride

Dimensions (mm)



HRAAA/UZLF



HR5/4AAAU

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|---------|----------|--------------|-------------|------|------|------|
| HR5/4AAAU | 5/4 AAA | 1.2 V | 830 mAh | 10.5 x 50.0 | 2,78 | 2,68 | 2,59 |
| HRAAA/UZLF | AAA | 1.2 V | 720 mAh | 10.5 x 44.5 | 1,85 | 1,78 | 1,72 |

High Current Powerpacks

► Specification:

System: Nickel-Cadmium

Dimensions (mm)



N1700SCR/LF



N1700SCR

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | Description: | ≥ 1 | ≥ 10 | ≥ 50 |
|-------------|-----------|----------|--------------|-------------|--------------------|------|------|------|
| N1700SCR | SC (SubC) | 1.2 V | 1700 mAh | 22.9 x 43.0 | Button terminal | 2,23 | 2,03 | 1,94 |
| N1700SCR/LF | SC (SubC) | 1.2 V | 1700 mAh | 22.9 x 43.0 | with Soldering tag | 2,97 | 2,70 | 2,58 |

Delivery subject to availability!

Batteries with high reliability



3/V15H



V80

- ▶ high capacity
- ▶ no Memory-Effect
- ▶ long durability
- ▶ excellence charge and discharge function
- ▶ 0% lead, 0% quicksilver and 0% cadmium
- ▶ safely and reliably (UL approval)

Dimensions (mm)



V80H3FP



V150

| Item: | System: | Voltage: | Capacitance: | Dimensions: | ≥ 1 | ≥ 10 | ≥ 50 |
|---------|--------------|----------|--------------|--------------------|------|------|------|
| 3/V15H | NiMH | 3.6 V | 15 mAh | 10.0 x 13.0 | 5,77 | 5,10 | 4,89 |
| CP300H | NiMH | 1.2 V | 300 mAh | 7.55 x 25.10 | 1,91 | 1,68 | 1,61 |
| CP300HF | NiMH | 3.6 V | 300 mAh | 76.0 x 25.1 x 7.5 | 8,22 | 7,26 | 6,96 |
| V15H | NiMH | 1.2 V | 15 mAh | 3.0 x 12.0 | 1,47 | 1,30 | 1,24 |
| V80H1 | NiMH | 1.2 V | 80 mAh | 6.0 x 16.0 | 1,96 | 1,73 | 1,66 |
| V80H2 | NiMH | 2.4 V | 80 mAh | 16.9 x 12.0 | 3,60 | 3,18 | 3,05 |
| V80H3 | NiMH | 3,6 V | 70 mAh | 16.9 x 18.0 | 4,40 | 3,89 | 3,73 |
| V80H3FP | 3.6 Flatpack | 3.6 V | 80 mAh | 53.0 x 18.0 x 6.0 | 6,37 | 5,63 | 5,40 |
| V150H1 | NiMH | 1.2 V | 150 mAh | 25.6 x 14.1 x 5.9 | 2,27 | 2,00 | 1,92 |
| V150H2 | NiMH | 2.4 V | 150 mAh | 25.6 x 14.1 x 11.8 | 3,68 | 3,25 | 3,12 |
| V150H3 | NiMH | 3.6 V | 150 mAh | 25.6 x 14.1 x 17.7 | 5,38 | 4,75 | 4,55 |
| V200H | NiMH | 1.2 V | 200 mAh | 25.6 x 14.1 x 7.4 | 1,78 | 1,57 | 1,50 |
| V250H | NiMH | 1.2 V | 240 mAh | 6.7 x 25.1 | 1,79 | 1,58 | 1,52 |
| 2/V250H | NiMH | 2.4 V | 250 mAh | 13.8 x 25.1 | 3,98 | 3,51 | 3,37 |
| V350H | NiMH | 1.2 V | 380 mAh | 8.8 x 25.1 | 1,94 | 1,71 | 1,64 |
| V450HR | NiMH | 1.2 V | 460 mAh | 24.1 x 34.1 x 5.6 | 3,05 | 2,69 | 2,58 |
| V600HR | NiMH | 1.2 V | 600 mAh | 33.9 x 23.9 x 6.3 | 2,43 | 2,15 | 2,06 |

Industry

► **Specification:**
System: Nickel-Metal-Hydride
Dimensions (mm)



X1600AAZLF



X1600AA



X9000D

| Item: | Size: | Voltage: | Capacitance: | Ø x L: | PU: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|-----------|----------|--------------|-------------|------|------|------|------|
| X1600AA | Mignon AA | 1.2 V | 1600 mAh | 14.5 x 50.0 | bulk | 1,42 | 1,37 | 1,33 |
| X1600AAZLF | Mignon AA | 1.2 V | 1600 mAh | 14.5 x 50.0 | bulk | 1,87 | 1,80 | 1,74 |
| X9000D | Mono D | 1.2 V | 9000 mAh | 33.0 x 60.5 | bulk | 6,93 | 6,67 | 6,45 |

Rechargeable Batteries - Special

Low Cost

SubC - NC

► **Specification:**
System: Nickel-Cadmium
Dimensions (L x Ø): 42.6 x 22.15 mm



SUBC1900



SUBC1700



SUBC1900LF



SUBC1700LF

| Item: | Voltage: | Capacitance: | Description: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|----------|--------------|--------------------|------|------|------|
| SUBC1700 | 1.2 V | 1700 mAh | Button terminal | 1,62 | 1,47 | 1,41 |
| SUBC1900 | 1.2 V | 1900 mAh | Button terminal | 1,84 | 1,67 | 1,60 |
| SUBC1700LF | 1.2 V | 1700 mAh | with Soldering tag | 1,94 | 1,77 | 1,69 |
| SUBC1900LF | 1.2 V | 1900 mAh | with Soldering tag | 2,34 | 2,13 | 2,06 |

Delivery subject to availability!

SubC - NiMH

► **Specification:**
System: Nickel-Metal-Hydride
Dimensions (L x Ø): 43.0 x 22.0 mm



SUBC3000LF



SUBC3000

| Item: | Voltage: | Capacitance: | Description: | ≥ 1 | ≥ 10 | ≥ 50 |
|------------|----------|--------------|--------------------|------|------|------|
| SUBC3000 | 1.2 V | 3000 mAh | Button terminal | 3,93 | 3,57 | 3,42 |
| SUBC3000LF | 1.2 V | 3000 mAh | with Soldering tag | 4,36 | 3,96 | 3,79 |

Delivery subject to availability!

for Powerpacks



AMP/S



AMP/B



TAM/S



TAM/B

following connector are located at the various powerpacks (true for Panasonic and Sanyo):

► **Powerpacks:**

- ... x 4
- ... x 5
- ... x 6
- ... x 7
- ... x 8
- ... 3 x 2
- ... 3 x 2/1
- ... 1 x 12

Artikel:

- AMP/BMP - jack
- AMP/BMP - jack
- AMP/BMP - jack
- AMP/BMP - jack
- AMP/BMP - jack
- AMP/BMP - jack
- TAM/S Tamiya plug
- TAM/S Tamiya plug
- Soldering-tang for lead cable

| Item: | Description: | ≥ 1 | ≥ 10 | ≥ 25 |
|-------|--------------|------|------|------|
| AMP/S | AMP-plug | 0,57 | 0,52 | 0,50 |
| AMP/B | AMP-jack | 0,57 | 0,52 | 0,50 |
| TAM/S | Tamiya-plug | 0,40 | 0,36 | 0,35 |
| TAM/B | Tamiya-jack | 0,40 | 0,36 | 0,35 |

Standard

maintenance-free industrial model

Terminal:

- a) Blade terminal 4.8 mm
- b) Cable with Plug
- c) Screw mount terminal M 5
- d) Screw mount terminal M 6
- e) Blade terminal 6.3 mm

Dimensions (mm)



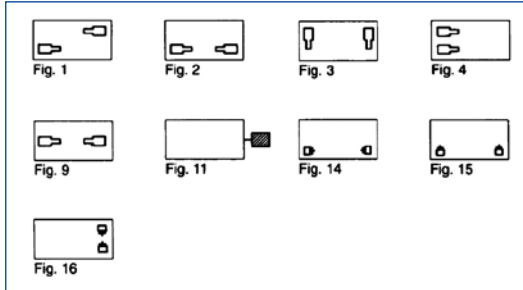
LCR6V12F



LCR6V4,5F



LCR6V1,2F



LCR12V65F



LCR12V18F



LCR12V4,5F

| Item: | Voltage: | Capacitance: | Terminal: | VDS-No. | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|--------------|----------|--------------|-----------|---------|------------------|---------|--------|--------|--------|
| LCR6V1,2F | 6 V | 1.3 Ah | 9 a | | 97 x 24.5 x 50.5 | 300 g | 4,34 | 3,96 | 3,79 |
| LCR6V3,0F | 6 V | 3.4 Ah | 2 a | 188045 | 134 x 34 x 60 | 620 g | 8,71 | 7,95 | 7,62 |
| LCR6V4,5F | 6 V | 4.5 Ah | 1 a | | 70 x 48 x 102 | 890 g | 6,06 | 5,52 | 5,30 |
| LCR6V7,0F | 6 V | 7.2 Ah | 2 a | | 151 x 34 x 94 | 1260 g | 10,34 | 9,43 | 9,04 |
| LCR6V12F | 6 V | 12.0 Ah | 2 a | 192001 | 151 x 50 x 94 | 1966 g | 15,63 | 14,25 | 13,66 |
| LCR12V0,8F | 12 V | 0.8 Ah | 11 b | | 96 x 25 x 61.5 | 360 g | 10,19 | 9,29 | 8,91 |
| LCR12V1,2F | 12 V | 1.2 Ah | 4 a | 191098 | 97 x 47 x 50 | 530 g | 7,71 | 7,03 | 6,74 |
| LCR12V2,2F | 12 V | 2.0 Ah | 2 a | 191099 | 178 x 34 x 60 | 1200 g | 9,87 | 9,00 | 8,63 |
| LCR12V3,0F | 12 V | 3.0 Ah | 4 a | | 134 x 67 x 60 | 1200 g | 14,23 | 12,98 | 12,44 |
| LCR12V4,5F | 12 V | 4.5 Ah | 4 a | | 90 x 70 x 102 | 1580 g | 13,21 | 12,05 | 11,55 |
| LCR12V7,2F | 12 V | 7.2 Ah | 4 a | 192002 | 151 x 65 x 94 | 2500 g | 15,17 | 13,83 | 13,26 |
| LCR12V7,2F63 | 12 V | 7.2 Ah | 4 e | 192002 | 151 x 65 x 94 | 2430 g | 15,17 | 13,83 | 13,26 |
| LCR12V12F | 12 V | 12.0 Ah | 4 e | 193064 | 151 x 98 x 94 | 3900 g | 32,52 | 29,65 | 28,43 |
| LCR12V18F | 12 V | 18.0 Ah | 14 c | | 181 x 76 x 167 | 6200 g | 42,14 | 38,43 | 36,84 |
| LCR12V27F | 12 V | 27.0 Ah | 14 c | 196022 | 166 x 175 x 125 | 9700 g | 62,06 | 56,59 | 54,25 |
| LCR12V42F | 12 V | 42.0 Ah | 14 d | 196023 | 196 x 163 x 174 | 15000 g | 93,08 | 84,88 | 81,37 |
| LCR12V65F | 12 V | 65.0 Ah | 14 c | 192088 | 271 x 166 x 190 | 22600 g | 159,94 | 145,86 | 139,82 |

Cycle Hard



FGC21803



FGC22703

- ▶ rechargeable
- ▶ independent operating coat
- ▶ non-woven technology (AGM-technology)
- ▶ low self discharge (< 0.1% / 24h at 20°C)
- ▶ high temperature range
- ▶ high power spectrum
- ▶ high service life at 20°C over 5 years

- ▶ **Terminal:**
Screw mount terminal M5

Dimensions (mm)



FGC23507

| Item: | Voltage: | Capacitance: | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|----------|----------|--------------|-----------------|---------|-------|-------|-------|
| FGC21803 | 12 V | 18.0 Ah | 181 x 76 x 167 | 6350 g | 66,22 | 60,39 | 57,89 |
| FGC22703 | 12 V | 27.0 Ah | 166 x 175 x 125 | 9650 g | 77,89 | 71,04 | 68,10 |
| FGC23507 | 12 V | 35.0 Ah | 198 x 132 x 170 | 12500 g | 88,67 | 80,87 | 77,52 |

High Current



FGH20502



FGH20902



FGH21803

- ▶ rechargeable
- ▶ independent operating coat
- ▶ non-woven technology (AGM-technology)
- ▶ low self discharge (< 0.1% / 24h at 20°C)
- ▶ high temperature range
- ▶ high power spectrum
- ▶ high service life at 20°C over 5 years

- ▶ **Terminal:**
a) Screw mount terminal M 5
b) Blade terminal 6.3 mm

Dimensions (mm)

| Item: | Voltage: | Capacitance: | Terminal: | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|----------|----------|--------------|-----------|----------------|---------|-------|-------|-------|
| FGH20502 | 12 V | 5.0 Ah | b | 90 x 70 x 102 | 2005 g | 18,76 | 17,11 | 16,40 |
| FGH20902 | 12 V | 9.0 Ah | b | 151 x 65 x 94 | 2800 g | 23,18 | 21,14 | 20,27 |
| FGH21803 | 12 V | 18.0 Ah | a | 181 x 76 x 167 | 6200 g | 52,87 | 48,21 | 46,22 |

Standard

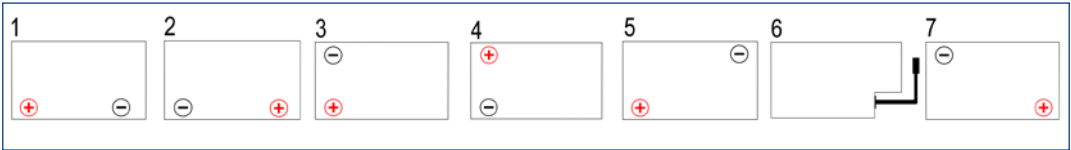
- ▶ rechargeable
- ▶ high energy density
- ▶ long durability
- ▶ maintenance-free
- ▶ leak proof construction

▶ Terminal:

- a) Blade terminal 4.8 mm
- b) Blade terminal 6.3 mm
- c) JST-plug
- d) Screw mount terminal M5
- e) Screw mount terminal M6



Dimensions (mm)



| Item: | Voltage: | Capacitance: | Terminal: | VDS-No. | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|------------|----------|--------------|-----------|---------|-------------------|---------|--------|--------|--------|
| NP1,2-6 | 6 V | 1.2 Ah | 1 a | | 97 x 24 x 54.5 | 300 g | 4,71 | 4,29 | 4,11 |
| NP7-6 | 6 V | 7.0 Ah | 1 a | | 151 x 34 x 97.5 | 1340 g | 7,36 | 6,71 | 6,44 |
| NP12-6 | 6 V | 12.0 Ah | 1 b | | 151 x 50 x 97.5 | 1990 g | 10,62 | 9,69 | 9,29 |
| NP1,2-12FR | 12 V | 1.2 Ah | 3 a | G106039 | 97 x 48 x 54 | 530 g | 7,57 | 6,90 | 6,62 |
| NP08-12 | 12 V | 0.8 Ah | 6 c | | 96 x 25 x 61.5 | 370 g | 8,11 | 7,40 | 7,09 |
| NP2,3-12 | 12 V | 2.3 Ah | 1 a | G106060 | 178 x 34 x 64 | 940 g | 8,41 | 7,67 | 7,35 |
| NP3,4-12 | 12 V | 3.4 Ah | 3 a | G106061 | 134 x 67 x 67 | 1370 g | 9,95 | 9,08 | 8,70 |
| NP5-12 | 12 V | 5.0 Ah | 1 a | | 90 x 70 x 106 | 2000 g | 9,89 | 9,02 | 8,65 |
| NP7-12 | 12 V | 7.0 Ah | 4 a | G106041 | 151 x 65 x 97.5 | 2650 g | 12,37 | 11,28 | 10,81 |
| NP18-12 | 12 V | 18.0 Ah | 2 d | | 181 x 76.2 x 167 | 6070 g | 28,68 | 26,16 | 25,08 |
| NP24-12 | 12 V | 24.0 Ah | 2 d | G106044 | 166 x 175 x 125 | 9000 g | 43,77 | 39,92 | 38,27 |
| NP38-12 | 12 V | 40.0 Ah | 2 d | G106045 | 197 x 165 x 170 | 15030 g | 71,10 | 64,84 | 62,16 |
| NP65-12 | 12 V | 65.0 Ah | 2 e | G106046 | 349.8 x 166 x 174 | 23000 g | 117,60 | 107,24 | 102,80 |
| NP7-12WT | 12 V | 7.0 Ah | 4 b | G106041 | 151 x 65 x 97.5 | 2650 g | 13,45 | 12,27 | 11,76 |
| NP12-12WT | 12 V | 12.0 Ah | 4 b | G106042 | 151 x 98 x 97.5 | 4000 g | 22,59 | 20,60 | 19,75 |

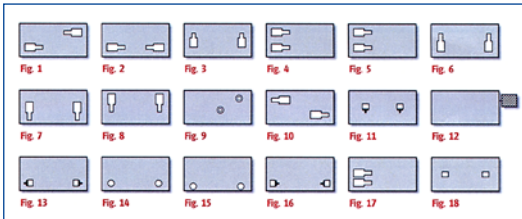
Standard



- ▶ rechargeable
- ▶ maintenance-free and closed by valve regulation
- ▶ low self discharge
- ▶ long service life
- ▶ simple charge
- ▶ no dangerous goods

- ▶ **Terminal:**
- a) Blade terminal 4.8 mm
 - b) Cable with AMP-Jack
 - c) Blade terminal 6.3 mm
 - d) Screw mount terminal M5
 - e) Screw mount terminal M6
 - f) Screw mount terminal M8

Dimensions (mm)



| Item: | Voltage: | Capacitance: | Terminal: | VDS-No. | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|-----------|----------|--------------|-----------|---------|-----------------|---------|--------|--------|--------|
| MP6V1,0 | 6 V | 1.0 Ah | 1 a | | 51 x 42 x 55 | 268 g | 4,09 | 3,73 | 3,57 |
| MP6V1,2 | 6 V | 1.2 Ah | 2 a | | 97 x 25 x 57 | 308 g | 3,56 | 3,25 | 3,11 |
| MP6V2,0 | 6 V | 2.0 Ah | 1 a | | 75 x 51 x 57 | 591 g | 9,06 | 8,27 | 7,92 |
| MP6V2,8 | 6 V | 2.8 Ah | 7 a | | 66 x 33 x 104 | 569 g | 7,16 | 6,53 | 6,26 |
| MP6V3,3 | 6 V | 3.3 Ah | 2 a | | 134 x 34 x 66 | 692 g | 5,47 | 4,99 | 4,78 |
| MP6V3,8 | 6 V | 3.8 Ah | 7 a | | 66 x 33 x 126 | 735 g | 9,76 | 8,90 | 8,53 |
| MP6V4,5 | 6 V | 4.5 Ah | 1 a | | 70 x 47 x 107 | 908 g | 5,33 | 4,86 | 4,66 |
| MP6V7,0 | 6 V | 7.0 Ah | 2 a | | 151 x 34 x 100 | 1312 g | 7,70 | 7,02 | 6,73 |
| MP6V7,0S | 6 V | 7.0 Ah | 2 A | | 116 x 50 x 99 | 1835 g | 11,10 | 10,12 | 9,70 |
| MP6V9,0 | 6 V | 9.0 Ah | a | | 98.5 x 56 x 118 | 1570 g | 11,93 | 10,88 | 10,43 |
| MP6V10 | 6 V | 10.0 Ah | 2 a | | 151 x 50 x 100 | 1940 g | 11,13 | 10,15 | 9,73 |
| MP6V13 | 6 V | 13.0 Ah | 17 a | | 108 x 70 x 140 | 2179 g | 17,66 | 16,11 | 15,44 |
| MP6V20 | 6 V | 20.0 Ah | 11 d | | 157 x 83 x 125 | 3993 g | 24,80 | 22,62 | 21,68 |
| MP12V0,8 | 12 V | 0.8 Ah | 12 b | | 96 x 25 x 62 | 371 g | 7,58 | 6,92 | 6,63 |
| MP12V1,2 | 12 V | 1.2 Ah | 4 a | 103082 | 97 x 43 x 53 | 596 g | 6,09 | 5,55 | 5,32 |
| MP12V2,2 | 12 V | 2.2 Ah | 2 a | | 178 x 34 x 66 | 1060 g | 8,12 | 7,41 | 7,10 |
| MP12V2,9 | 12 V | 2.9 Ah | 6 a | | 79 x 56 x 107 | 1176 g | 11,29 | 10,30 | 9,87 |
| MP12V3,3 | 12 V | 3.3 Ah | 4 a | | 134 x 67 x 66 | 1370 g | 11,42 | 10,41 | 9,98 |
| MP12V4,5 | 12 V | 4.5 Ah | 3 a | | 90 x 70 x 107 | 1828 g | 9,97 | 9,09 | 8,72 |
| MP12V7,2 | 12 V | 7.2 Ah | 5 a | 103083 | 151 x 65 x 102 | 2678 g | 12,46 | 11,38 | 10,91 |
| MP12V7,2B | 12 V | 7.2 Ah | 5 c | 103083 | 151 x 65 x 102 | 2678 g | 12,46 | 11,38 | 10,91 |
| MP12V9,0 | 12 V | 9 Ah | 2 c | | 151 x 100 x 89 | 3280 g | 27,73 | 25,29 | 24,24 |
| MP12V12 | 12 V | 12.0 Ah | 5 a | | 151 x 99 x 100 | 4270 g | 21,69 | 19,78 | 18,96 |
| MP12V12B | 12 V | 12.0 Ah | 5 c | 103085 | 151 x 99 x 100 | 4270 g | 21,96 | 20,05 | 19,23 |
| MP12V18 | 12 V | 18.0 Ah | 16 d | 103086 | 181 x 76 x 167 | 6283 g | 33,49 | 30,58 | 29,33 |
| MP12V26 | 12 V | 26.0 Ah | 16 d | 101087 | 166 x 175 x 125 | 9528 g | 47,06 | 42,92 | 41,14 |
| MP12V45 | 12 V | 45.0 Ah | 13 d | 103002 | 198 x 166 x 171 | 14109 g | 81,52 | 74,34 | 71,27 |
| MP12V65 | 12 V | 65.0 Ah | 13 e | 105096 | 350 x 166 x 174 | 23530 g | 125,15 | 114,13 | 109,41 |
| MP12V100 | 12 V | 100.0 Ah | 13 f | | 408 x 173 x 246 | 37510 g | 193,58 | 176,54 | 169,23 |

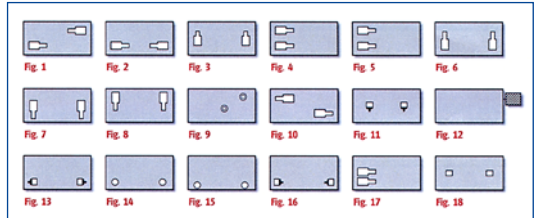
Cycle Hard

- ▶ rechargeable
- ▶ maintenance-free and closed by valve regulation
- ▶ low self discharge
- ▶ long service life
- ▶ simple charge
- ▶ no dangerous goods

▶ Terminal:

- a) Blade terminal 6.3 mm
- b) Screw mount terminal M5
- c) Screw mount terminal M6
- d) Screw mount terminal M8

Dimensions (mm)



| Item: | Voltage: | Capacitance: | Terminal: | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|-----------|----------|--------------|-----------|------------------|---------|--------|--------|--------|
| MP3-12C | 12 V | 3.0 Ah | 4 a | 134 x 67 x 65.5 | 1570 g | 14,07 | 12,83 | 12,30 |
| MP5-12C | 12 V | 5.0 Ah | 3 a | 90 x 70 x 108 | 2010 g | 15,23 | 13,89 | 13,32 |
| MP8-12C | 12 V | 8.0 Ah | 5 a | 151 x 65 x 102 | 2808 g | 18,33 | 16,72 | 16,03 |
| MP10-12C | 12 V | 10.0 Ah | 5 a | 151 x 65 x 118.5 | 3404 g | 26,86 | 24,49 | 23,48 |
| MP12-12C | 12 V | 12.0 Ah | 5 a | 151 x 99 x 100 | 4590 g | 27,14 | 24,75 | 23,73 |
| MP22-12C | 12 V | 22.0 Ah | 14 b | 181 x 76 x 167 | 6773 g | 39,53 | 36,05 | 34,56 |
| MP28-12C | 12 V | 28.0 Ah | 14 c | 166 x 175 x 125 | 11467 g | 71,93 | 65,60 | 62,88 |
| MP34-12C | 12 V | 34.0 Ah | 11 c | 197 x 130 x 180 | 11107 g | 56,49 | 51,52 | 49,39 |
| MP36-12C | 12 V | 36.0 Ah | 14 c | 197 x 130 x 197 | 12200 g | 70,37 | 64,18 | 61,52 |
| MP50-12C | 12 V | 50.0 Ah | 14 c | 198 x 166 x 171 | 14787 g | 86,45 | 78,84 | 75,57 |
| MP62-12C | 12 V | 62.0 Ah | 18 d | 226 x 135 x 207 | 18350 g | 121,84 | 111,11 | 106,52 |
| MP75-12C | 12 V | 75.0 Ah | 15 c | 260 x 170 x 210 | 26030 g | 135,01 | 123,12 | 118,02 |
| MP100-12C | 12 V | 100.0 Ah | 15 d | 338 x 170 x 220 | 34230 g | 212,79 | 194,05 | 186,02 |

Standard

NEW

maintenance-free industrial model
years life conformed to EUROBAT

▶ Terminal:

- a) Blade terminal 4.8 mm
- b) Blade terminal 6.3 mm
- c) Screw mount terminal M5
- d) Screw mount terminal M6

Dimensions (mm)



| Item: | Voltage: | Capacitance: | Terminal: | VDS-No.: | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|------------|----------|--------------|-----------|----------|-----------------|---------|--------|--------|--------|
| LCR6V1,3 | 6 V | 1.3 Ah | a | | 97 x 25 x 50 | 300 g | 8,59 | 7,90 | 7,63 |
| LCR6V3,4 | 6 V | 3.4 Ah | a | | 134 x 34 x 60 | 620 g | 13,61 | 12,52 | 12,10 |
| LCR6V4,5 | 6 V | 4.5 Ah | a | | 70 x 48 x 102 | 780 g | 6,71 | 6,17 | 5,96 |
| LCR6V7,2 | 6 V | 7.2 Ah | a | | 151 x 34 x 94 | 1260 g | 14,81 | 13,62 | 13,16 |
| LCR6V12 | 6 V | 12.0 Ah | a | | 151 x 50 x 94 | 1966 g | 18,14 | 16,69 | 16,13 |
| LCR6V1263 | 6 V | 12.0 Ah | b | | 151 x 50 x 94 | 1966 g | 20,10 | 18,49 | 17,87 |
| LCR12V1,3 | 12 V | 1.3 Ah | a | 196049 | 97 x 47 x 50 | 530 g | 15,16 | 13,95 | 13,48 |
| LCR12V2,2 | 12 V | 2.2 Ah | a | 188151 | 177 x 34 x 60 | 1200 g | 15,76 | 14,50 | 14,01 |
| LCR12V3,4 | 12 V | 3.4 Ah | a | 191053 | 134 x 67 x 60 | 1200 g | 19,28 | 17,73 | 17,14 |
| LCR12V7,2 | 12 V | 7.2 Ah | a | 193046 | 151 x 65 x 94 | 1500 g | 17,16 | 15,78 | 15,25 |
| LCR12V726 | 12 V | 7.2 Ah | b | 193046 | 151 x 65 x 94 | 2470 g | 17,16 | 15,78 | 15,25 |
| LCR12V12 | 12 V | 12.0 Ah | b | 100001 | 151 x 98 x 94 | 3800 g | 34,51 | 31,74 | 30,67 |
| LCR12V1248 | 12 V | 12 Ah | a | | 151 x 98 x 94 | 3800 g | 34,51 | 31,74 | 30,67 |
| LCRA1215P1 | 12 V | 15 Ah | b | | 151 x 98 x 94 | 4200 g | 47,43 | 43,63 | 42,16 |
| LCR12V17 | 12 V | 17.0 Ah | c | 104101 | 181 x 76 x 167 | 6200 g | 51,06 | 46,96 | 45,39 |
| LCX1220P | 12 V | 20.0 Ah | c | | 179 x 74 x 167 | 6600 g | 63,88 | 58,75 | 56,78 |
| LCX12V24 | 12 V | 24.0 Ah | c | 198049 | 165 x 125 x 175 | 8600 g | 72,24 | 66,44 | 64,21 |
| LCX12V28 | 12 V | 28.0 Ah | c | | 165 x 125 x 175 | 11000 g | 74,76 | 68,76 | 66,46 |
| LCR12V33 | 12 V | 33.0 Ah | d | | 196 x 130 x 155 | 12000 g | 104,85 | 96,43 | 93,20 |
| LCX12V38 | 12 V | 38.0 Ah | c | 10002 | 197 x 165 x 175 | 13600 g | 105,75 | 97,27 | 94,00 |
| LCX12V42 | 12 V | 42.0 Ah | d | | 197 x 165 x 175 | 15550 g | 117,63 | 108,19 | 104,56 |
| LCX12V65 | 12 V | 65.0 Ah | d | 199090 | 350 x 166 x 175 | 21000 g | 157,48 | 144,84 | 139,98 |

Cycle Hard

- ▶ excess- and deep discharge safety
- ▶ maintenance-free
- ▶ non-woven technology (AGM-technology)
- ▶ survive vibrations and shocks better than comparable products

- ▶ **Terminal:**
Screw mount terminal M5

Dimensions (mm)

NEW



LCXC1238P



LCXC1228P



LCCA1215P1

| Item: | Voltage: | Capacitance: | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|------------|----------|--------------|-----------------|---------|--------|--------|--------|
| LCCA1215P1 | 12 V | 15.0 Ah | 151 x 98 x 94 | 4200 g | 41,57 | 38,23 | 36,95 |
| LCXC1228P | 12 V | 28.0 Ah | 165 x 125 x 175 | 11000 g | 106,43 | 97,89 | 94,61 |
| LCXC1238P | 12 V | 38.0 Ah | 197 x 165 x 175 | 13600 g | 136,18 | 125,25 | 121,05 |

High Current

- ▶ high current battery
- ▶ excess- and deep discharge safety
- ▶ maintenance-free
- ▶ non-woven technology (AGM-technology)
- ▶ overlap Shocks and vibrations better than comparable products

- ▶ **Terminal:**
a) Blade terminal 4.8 mm
b) Blade terminal 6.3 mm

Dimensions (mm)



UPRW1245P1



UPRWA1232P2



UPRW1220P1

| Item: | Voltage: | Capacitance: | Terminal: | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|-------------|----------|--------------|-----------|-----------------|---------|-------|-------|-------|
| UPRW1220P1 | 12 V | 4.0 Ah | b | 140 x 38.5 x 94 | 1350 g | 19,28 | 17,73 | 17,14 |
| UPRWA1232P2 | 12 V | 4.5 Ah | a + b | 150 x 50 x 93 | 1959 g | 21,04 | 19,36 | 18,71 |
| UPRW1245P1 | 12 V | 9.0 Ah | b | 151 x 64 x 94 | 2550 g | 25,81 | 23,74 | 22,94 |

Standard



A502/10S



A506/3,5S

maintenance-free industrial model

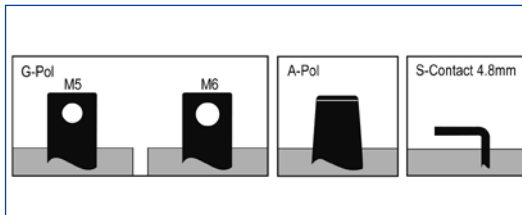
Dimensions (mm)



A512/1,2S



A512/10S



| Item: | Voltage: | Capacitance: | Terminal: | VDS-No. | L x W x H: | Weight: | ≥ 1 | ≥ 5 | ≥ 10 |
|-----------|----------|--------------|-----------|---------|-----------------|---------|--------|--------|--------|
| A502/10S | 2 V | 10.0 Ah | S | | 53 x 51 x 98 | 700 g | 13,38 | 12,20 | 11,69 |
| A504/3,5S | 4 V | 3.5 Ah | S | | 91 x 35 x 65 | 500 g | 14,77 | 13,46 | 12,90 |
| A506/1,2S | 6 V | 1.2 Ah | S | | 98 x 26 x 55 | 330 g | 15,99 | 14,57 | 13,97 |
| A506/3,5S | 6 V | 3.5 Ah | S | | 135 x 35 x 64 | 750 g | 21,03 | 19,17 | 18,37 |
| A506/4,2S | 6 V | 4.2 Ah | S | | 63 x 52 x 102 | 900 g | 23,46 | 21,38 | 20,49 |
| A508/3,5S | 8 V | 3.5 Ah | S | | 179 x 34 x 61 | 1000 g | 26,24 | 23,92 | 22,92 |
| A512/1,2S | 12 V | 1.2 Ah | S | 195088 | 98 x 50 x 54.9 | 660 g | 27,46 | 25,03 | 23,98 |
| A512/2,0S | 12 V | 2.0 Ah | S | 191016 | 179 x 34 x 61 | 1000 g | 28,33 | 25,82 | 24,74 |
| A512/3,5S | 12 V | 3.5 Ah | S | 190045 | 134 x 67 x 64 | 1500 g | 44,67 | 40,71 | 39,01 |
| A512/6,5S | 12 V | 6.5 Ah | S | 189023 | 152 x 66 x 98 | 2600 g | 26,59 | 24,24 | 23,23 |
| A512/10S | 12 V | 10.0 Ah | S | 189231 | 152 x 98 x 95 | 4000 g | 43,62 | 39,76 | 38,10 |
| A512/16G5 | 12 V | 16.0 Ah | G | 189232 | 181 x 76 x 167 | 6000 g | 91,94 | 83,79 | 80,30 |
| A512/25G5 | 12 V | 25.0 Ah | G | 196025 | 167 x 176 x 126 | 9650 g | 89,14 | 81,24 | 77,86 |
| A512/30G6 | 12 V | 30.0 Ah | G | 196025 | 197 x 132 x 180 | 11100 g | 102,59 | 93,50 | 89,60 |
| A512/40G6 | 12 V | 40.0 Ah | G | 191015 | 210 x 175 x 175 | 14600 g | 134,65 | 122,72 | 117,60 |
| A512/65G6 | 12 V | 65.0 Ah | G | | 353 x 175 x 190 | 24400 g | 220,73 | 201,17 | 192,79 |
| A512/85A | 12 V | 85.0 Ah | A | 190046 | 330 x 171 x 236 | 31000 g | 290,25 | 264,53 | 253,51 |
| A512/115A | 12 V | 115.0 Ah | A | | 286 x 269 x 230 | 40000 g | 359,77 | 327,89 | 314,23 |

Home Profi Light

- ▶ corrosion protected and galvanised metal housing
- ▶ shock resistant with anti-roll feature
- ▶ spot-to-flood focussable beam
- ▶ hanging hook
- ▶ in red-metallic or blue-metallic



VT10623



VT10624

| Item: | Illuminant: | Batteries: | Weight: (incl. Batt.) | Diameter: (Head diameter) | Lighting range: (minimum) | ≥ 1 | ≥ 5 | ≥ 10 |
|----------------|--------------|--------------|--------------------------|------------------------------|------------------------------|------|------|------|
| VT10623 | Krypton V751 | 2 x Baby C * | 182 g | 62 mm | 51 m | 4,06 | 3,81 | 3,70 |
| VT10624 | Krypton V751 | 2 x Mono D * | 396 g | 89 mm | 84 m | 5,39 | 5,06 | 4,91 |

* Please to order the batteries separate!

Home Premium Light

- ▶ high-end design combined with a sturdy corrosion protected stainless steel housing
- ▶ spot-to-flood focussable beam and anti-roll feature
- ▶ innovative extra bright Xenon technology for maximized light comfort



VT10631



VT10634

| Item: | Illuminant: | Batteries: | Weight: (incl. Batt.) | Diameter: (Head diameter) | Lighting range: (minimum) | ≥ 1 | ≥ 5 | ≥ 10 |
|----------------|--------------|----------------|--------------------------|------------------------------|------------------------------|-------|-------|-------|
| VT10631 | Xenon V707 | 2 x Mono D ** | 362 g | 60 mm | 128 m | 17,21 | 16,17 | 15,70 |
| VT10634 | 0.5 Watt LED | 3 x Micro AAA* | 143 g | 42 mm | 25 m | 9,10 | 8,55 | 8,30 |

* Batteries included!

** Please to order the batteries separate!

Work Clip Trix



- ▶ compact functionality for all kinds of applications
- ▶ small and handy
- ▶ metal housing, mini-pen size

| Item: | Illuminant: | Batteries: | Weight: (incl. Batt.) | Diameter: (Head diameter) | Lighting range: (minimum) | ≥ 1 | ≥ 5 | ≥ 10 |
|---------|-------------|-----------------|--------------------------|------------------------------|------------------------------|------|------|------|
| VT12670 | Argon V701 | 2 x Mignon AA * | 165 g | 16 mm | 3 m | 5,56 | 5,23 | 5,08 |

* Please to order the batteries separate!

Spare Bulb for VARTA Pocket Lamps



V701

V705

V706

Here you'll find the perfect spare bulb for all of our lights.

The delivery including in double blister, the prices are generally calculated apiece.



V707

V708

V732

V742

V749

V751

| Item: | Type: | Voltage: | Current: | ≥ 2 | ≥ 10 | ≥ 20 |
|-------|---------|----------|----------|------|------|------|
| V701 | Argon | 2.4 V | 300 mA | 0,65 | 0,62 | 0,60 |
| V705 | Argon | 2.6 V | 300 mA | 0,77 | 0,75 | 0,72 |
| V706 | Xenon | 2.4 V | 450 mA | 2,66 | 2,57 | 2,48 |
| V707 | Xenon | 2.7 V | 800 mA | 2,48 | 2,39 | 2,31 |
| V708 | Xenon | 4.0 V | 830 mA | 2,97 | 2,87 | 2,77 |
| V732 | Xenon | 3.6 V | 750 mA | 2,48 | 2,39 | 2,31 |
| V742 | Krypton | 2.25 V | 250 mA | 0,64 | 0,60 | 0,57 |
| V749 | Krypton | 2.2 V | 470 mA | 1,25 | 1,20 | 1,16 |
| V751 | Krypton | 2.4 V | 700 mA | 1,25 | 1,20 | 1,16 |

LED Work-Light with Battery operation

Robust LED lamp for handcraft and industry

- ▶ 60 white LEDs and 17 LEDs in head
- ▶ inclusive magnet clamp
- ▶ incorporated suspension device
- ▶ 12V car car charging cable and 230V power supply
- ▶ oil- and water-protected

▶ **Specification:**

Illuminant: 77 LEDs
Hours of illumination : 6 Std.
Length: 360 mm



| Item: | Description: | ≥ 1 | ≥ 5 | ≥ 10 |
|-----------|----------------------|-------|-------|-------|
| AL6017LED | Rugged LED work lamp | 12,21 | 11,47 | 10,97 |

LED - Lenser
Classic Line**V2 - Triplex**

Features:

- ▶ gold-plated contacts
- ▶ special photon tube reflectors
- ▶ three LR 1 batteries supply power for many, many hours of light
- ▶ spring cap contains spare switchhead
- ▶ double mat nickel-plated, all-metal with brass core
- ▶ water-resistant

LED LENSER®
Produced in Germany



The delivery is including strap and batteries

▶ **Specification:**

Burning life: 200 hours
Length: 140 mm
Ø Head: 25 mm
Ø Shaft: 18 mm
Weight: 165 g
Switch: lockable (to continuous light)

| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|-----------|------------------|----------------|-------|-------|-------|
| EVE7547WS | White-Laser | 3 x 910 A | 24,13 | 21,20 | 20,67 |

Vquadrat three A Power Chip

LED LENSER®
Leading the World of Light

Features:

- ▶ gold-plated contacts
- ▶ patented, strongly focusing axial reflector
- ▶ high-performance lightchip 1.25 W
- ▶ aluminium housing
- ▶ spray-water proof
- ▶ chequered surface ensures good grip

The delivery is including pouch, strap and batteries.

▶ **Specification:**

- Burning life:** approx. 120 hours
- Length:** 111.5 mm
- Ø:** 25.5 mm
- Weight:** 121 g
- Switch:** lockable (to continuous light), at the shaft-end

| Item: | Colour of housing: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|-----------|--------------------|------------------|----------------|-------|-------|-------|
| EVE7736SW | black | White-Laser | 3 x micro AAA | 40,28 | 35,39 | 34,51 |

V8

LED LENSER®
Leading the World of Light

Features:

- ▶ gold-plated contacts
- ▶ double mat nickel-plated, all-metal with brass core
- ▶ water-resistant
- ▶ spring cap contains spare switchhead

The delivery is including batteries and clip mounting!

▶ **Specification:**

- Burning life:** 200 hours
- Length:** 66 mm
- Ø:** 14 mm
- Weight:** 37 g
- Switch:** lockable (to continuous light)

| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|-----------|------------------|----------------|-------|------|-------|
| EVE7552BL | blau | 2 x 357 LC | 10,62 | 8,11 | 7,86 |
| EVE7553WS | White-Laser | 3 x 357 LC | 13,02 | 9,96 | 9,64 |

V9 - Micro

LED LENSER®
Leading the World of Light

Features:

- ▶ gold-plated contacts
- ▶ photon tube reflec
- ▶ double mat nickel-plated, all-metal with brass core
- ▶ spray-water proof

The delivery is including batteries and clip mounting!

▶ **Specification:**

- Burning life:** 100 hours
- Length:** 51.5 mm
- Ø:** 9.5 mm
- Weight:** 17 g
- Switch:** Push button, by clip lockable

| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|-----------|------------------|----------------|-------|------|-------|
| EVE7513WS | White-Laser | 4 x 392 LC | 11,49 | 8,92 | 8,63 |

V12 - Stick

Features:

- ▶ gold-plated contacts
- ▶ spring cap contains spare switchhead
- ▶ photon tube reflector
- ▶ double mat nickel-plated, all-metal with brass core
- ▶ water-resistant

The delivery is including pouch, strap, batteries and clip mounting!

▶ **Specification:**

| | |
|----------------------|-----------------------------|
| Burning life: | 250 hours |
| Length: | 139 mm |
| Ø: | 14 mm |
| Weight: | 90 g |
| Switch: | lockable (continuous light) |

LED LENSER®
Lampen für jeden Zweck



| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|-----------|------------------|----------------|-------|-------|-------|
| EVE7533WS | White-Laser | 3 x 910 A | 13,11 | 11,00 | 10,58 |

Head Fire Power Chip

Incredibly bright head lamp with Power Chip Technology. Comfortable wearing because of light weight.

An reliable partner for outdoor activities!

Features:

- ▶ gold-plated contacts
- ▶ double mat nickel-plated, all-metal with brass core
- ▶ patented strongly focusing axial reflector
- ▶ high-performance Power-Lightchip
- ▶ the head of the lamp can be swivelled and lockable within an angle of 85 degrees
- ▶ spray-water proof

The delivery is including batteries and nylon pouch!

▶ **Specification:**

| | |
|-------------------------------|--------------------------------|
| Burning life: | approx. 120 hours |
| Ø Lamp head: | 17,5 mm |
| Ø adjustable mounting: | 36,5 mm |
| Dimension batteriebox: | 63 x 37 x 15,5 mm |
| Weight: | approx. 120 g |
| Switch: | lockable (to continuous light) |

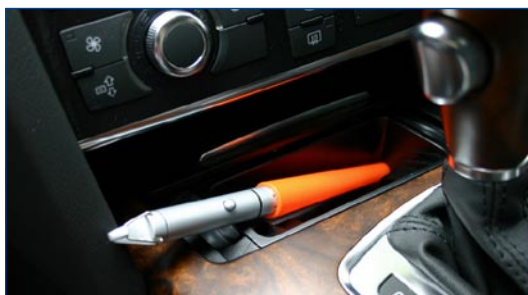
LED LENSER®
Lampen für jeden Zweck



| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|-----------|------------------|----------------|-------|-------|-------|
| EVE7455WS | White-Laser | 3 x micro AAA | 28,75 | 27,86 | 26,75 |

Car Lenser Rechargeable

LED LENSER®



Features:

- ▶ rechargeable midget-lamp
- ▶ can be charged on the cigarette lighter of each car (only suitable for 12V networks)
- ▶ battery charging time approx. 6 hours
- ▶ if it is not in use, charge the battery all two month
- ▶ brass galvanic finishing
- ▶ ON/OFF switch with integrated Morse-Function
- ▶ spray-water proof

The delivery is including one orange signal attachment and one car mounting!

▶ Specification:

| | |
|----------------------|--------------------------------|
| Burning life: | 200 hours |
| Length: | 90 mm |
| Ø | 14 mm |
| Weight: | 26 g |
| Switch: | lockable (to continuous light) |

| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|---------|------------------|---------------------------------------|-------|-------|-------|
| EVE7506 | White-Laser | 4 x 20 H Ni-MH (Battery Button Cells) | 19,93 | 15,18 | 14,72 |

LED - Lenser

High Performance Line

X21

LED LENSER®



The LED LENSER® X21 has a light output of up to 950 lumens. Thanks to the Advanced Focus System, the light cone can be adjusted dynamically. The LED LENSER® X21 offers a broad, circular low beam as well as a sharply focused searchlight beam. 7 ultra-bright high-performance chips and 7 terminator lenses produce a quality of light. This lamps lighting range is already legendary. And its impressive appearance radiates power and authority.

The delivery is including batteries and carrying strap!

▶ Specification:

| | |
|-----------------------|----------------|
| Burning life: | 300 hours |
| Luminous flux: | 950 lumen |
| LED: | 7 x Cree |
| Energy tank: | 120 Wh |
| Switch: | Dynamic switch |
| Length: | 395 mm |
| Weight: | 1488 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|--------|--------|--------|
| EVE8421 | White-Laser | black | 4 x D | 227,18 | 218,44 | 209,70 |

The specification may vary ±15% depending on type of chip and batteries.

P2

Up to now, the luminous efficiency of a lamp depended on its size and weight. However, our small LED LENSER® P2 definitely does away with the prejudice that big is bright. With a mere 38 g, it weighs less than the end cap of big electric torches. Our torch has an astounding luminosity and is equipped with the blue moon focus system. The blue circle surrounding its pure white light cone is simply fascinating. For the P2 - as for all of our flashlights - we have spared neither trouble nor expense. The only thing we saved on is weight.

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|---------------------|
| Burning life: | 40 hours |
| Luminous flux: | 11 lumen |
| LED: | 1 x Nichia High End |
| Energy tank: | 1.8 Wh |
| Length: | 96 mm |
| Weight: | 38 g |



LED LENSER®

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|-------------------------|-----------------|----------------|-------|-------|-------|
| EVE8402 | White-Laser / Blue Moon | black | 1 x AAA | 12,94 | 12,44 | 11,94 |

The specification may vary ±15% depending on type of chip and batteries.

P3

LED LENSER® P3 is the twin brother of LED LENSER® P2, but due to its bigger lamp head, it has an increased lighting range. The blue moon focus system allows for quick transition from circular low beam to focused longdistance light. The lamp's ergonomically perfect clip is as convincing as its battery concept: One alkaline battery AAA supplies power for many hours of light.

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|---------------------|
| Burning life: | 40 hours |
| Luminous flux: | 13 lumen |
| LED: | 1 x Nichia High End |
| Energy tank: | 1.8 Wh |
| Length: | 94.5 mm |
| Weight: | 42 g |



LED LENSER®

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|-------------------------|-----------------|----------------|-------|-------|-------|
| EVE8403 | White-Laser / Blue Moon | black | 1 x AAA | 12,13 | 11,66 | 11,20 |

The specification may vary ±15% depending on type of chip and batteries.

P4

LED LENSER®
Leading the World of Light

The lamp for engineers and technicians. No matter whether you inspect the undercarriage of a car, replace a fuse or are an industrial worker - the LED LENSER® P4 does a good job. The lamp can be attached to shirt or workwear as fast as lightning and weighs so little that you'll hardly notice it. However, you will notice its brilliant, super-bright light which you can focus by turning the lamp head. The P4 is operated with two AAA micro cells.

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|---------------------|
| Burning life: | 80 hours |
| Luminous flux: | 14 lumen |
| LED: | 1 x Nichia High End |
| Energy tank: | 3.7 Wh |
| Length: | 140 mm |
| Weight: | 60 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8404 | White-Laser | black | 2 x AAA | 16,77 | 16,13 | 15,48 |

The specification may vary ±15% depending on type of chip and batteries.

P5

LED LENSER®
Leading the World of Light

The LED LENSER® P5 is small, lightweight, an energy-saving marvel and at the same time a giant of brightness. It is operated with only one Mignon AA battery. Each nanosecond, the built-in DC/DC converter pumps energy through the high-performance LED (Cree, 3 watt). The result is quite impressive and exceeds the light output of (conventional) electric torches that weigh more than ten times as much.

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|----------|
| Burning life: | 3 hours |
| Luminous flux: | 90 lumen |
| LED: | 1 x Cree |
| Energy tank: | 4.2 Wh |
| Length: | 115 mm |
| Weight: | 84 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8405 | White-Laser | black | 1 x AA | 31,53 | 30,31 | 29,10 |

May vary ±15% depending on type of chip and batteries.

P6

Slim, elegant, innovative and easy to use. When constructing this lamp, our aim was to enable you to focus its light with only one hand. The LED LENSER® P6 is energized with two inexpensive mignon batteries AA. This lightweight champion will captivate you with its ultra-white, super-bright beam. Extremely low operating costs are an additional benefit.

LED LENSER®
Research for better light

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|----------|
| Burning life: | 40 hours |
| Luminous flux: | 95 lumen |
| LED: | 1 x Cree |
| Energy tank: | 8.4 Wh |
| Length: | 167.7 mm |
| Weight: | 122 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8406 | White-Laser | black | 2 x AA | 31,53 | 30,31 | 29,10 |

The specification may vary ±15% depending on type of chip and batteries.

P7

The LED LENSER® P7 has been designed for pros and users who expect only the best. This flashlight is equipped with Advanced Focus System lenses and with the focusing mechanism of our newly-developed speed focus. The lamp achieves the same light output as 3 to 4 heavy conventional electric torches*. Circular spotlight or sharply focused beam with a range of up to 200 meters - the choice is yours! The P7 has a modular design, a dynamic switch, and three different brightness levels. One set of inexpensive batteries provides up to 120 hours** of light (in economy mode). Purchase LED LENSER® P7 and you get the best lamp LED LENSER® lighting research has to offer.

LED LENSER®
Research for better light

The delivery is including batteries and case!

► **Specification:**

| | |
|-----------------------|-----------------|
| Burning life: | 120 hours |
| Luminous flux: | up to 200 lumen |
| LED: | 1 x Cree |
| Energy tank: | 7.5 Wh |
| Switch: | Dynamic switch |
| Length: | 133 mm |
| Weight: | 192 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8407 | White-Laser | black | 4 x AAA | 46,61 | 44,81 | 43,02 |

*Compared to the average luminous flux (lumen) of standard flashlights equipped with 3 D-cells and light bulbs.

**The specification may vary ±15% depending on type of chip and batteries.

P14

LED LENSER®
Leading the World of Light

The LED LENSER® P14 features the dynamic switch (3 levels of brightness) and a 39 mm reflector-lens. In combining them with the new super light chip, we have achieved a level of focusing that sends an incredibly sharp light beam into the night. But there's more: When you move the lamp head, the concentrated beam wondrously expands to form a wide, homogeneous circle of light that enables you to evenly illuminate large areas. The LED LENSER® P14 is operated with 4 alkaline mignon batteries AA.

The delivery is including batteries!

► Specification:

| | |
|-----------------------|----------------|
| Burning life: | 150 hours |
| Luminous flux: | 210 lumen |
| LED: | 1 x Cree |
| Energy tank: | 16.8 Wh |
| Switch: | Dynamic switch |
| Length: | 205 mm |
| Weight: | 383.5 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8414 | White-Laser | black | 4 x AA | 56,17 | 54,01 | 51,85 |

The specification may vary ±15% depending on type of chip and batteries.

P17

LED LENSER®
Leading the World of Light

On the LED LENSER® P17 play super-bright flashlights that withstand continuous use and exceptional conditions. They have to be shock-proof and resistant to great variations in temperature. Our LED LENSER® P17 meets all of these demands and is also up to mark when it comes to recreational activities and sports. The lamp is operated with 3 D batteries that provide a surprisingly long service life at low cost. The newly developed switch offers you a choice between extremely bright and dimmed light, so that the LED LENSER® P17 can be used both at long range and close-up range. Furthermore, it is a dazzle-free reading lamp. It goes without saying that we equipped the LED LENSER® P17 with our unique, scientifically developed optical system that sets new standards in focusing technology.

The delivery is including batteries!

► Specification:

| | |
|-----------------------|----------------|
| Burning life: | 280 hours |
| Luminous flux: | 220 lumen |
| LED: | 1 x Cree |
| Energy tank: | 90 Wh |
| Switch: | Dynamic switch |
| Length: | 315.5 mm |
| Weight: | 799 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8417 | White-Laser | black | 3 x D | 73,31 | 70,49 | 67,67 |

The specification may vary ±15% depending on type of chip and batteries.

Hokus Fokus

- ▶ lightdome-Generator enabled a continuously focusing
- ▶ aircraft grade aluminium with black high-power coat
- ▶ spray-water proof

The delivery is including batteries, nylon bag and gift box

▶ **Specification:**

| | |
|----------------------|-----------|
| Burning life: | 120 hours |
| Luminous flux | 105 lumen |
| LED: | 1 x Cree |
| Energy tank: | 5,4 Wh |
| Length: | 129.5 mm |
| Weight: | 148 g |

LED LENSER®
Energy for Mobile Work



| Item: | Colour of light: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|---------|------------------|----------------|-------|-------|-------|
| EVE7438 | White-Laser | 3 x Micro AAA | 40,44 | 37,82 | 36,94 |

T5

The LED LENSER® T5 achieves a luminous flux of 65 lumens*, which is about one and a half times the power provided by a conventional electric torch that is ten times heavier. Technically, the LED LENSER® T5 corresponds to the LED LENSER® P5, but its shape and grip are adjusted to meet the requirements of tactical units. The combination of pushbutton and switch enables you to switch at lightning speed, while the Speed Focus allows you to generate a light dome (light cone) according to your needs or mission. An inexpensive AA battery provides 8 hours of light.

The delivery is including batteries!

▶ **Specification:**

| | |
|-----------------------|----------|
| Burning life: | 8 hours |
| Luminous flux: | 65 lumen |
| LED: | 1 x Cree |
| Energy tank: | 4.2 Wh |
| Length: | 117 mm |
| Weight: | 88 g |

LED LENSER®
Energy for Mobile Work



| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE7415 | White-Laser | black | 1 x AA | 31,53 | 30,31 | 29,10 |

*Compared to the average luminous flux (lumen) of standard flashlights equipped with 3 D-cells and light bulbs. The specification may vary ±15% depending on type of chip and batteries.

T7

LED LENSER®



The LED LENSER® T7 is a lamp features our newly-developed three-stage switch and the advanced focus system (patent pending). We decided on the legendary, high-performance cree chips as illuminants. The LED LENSER® T7 is a lightweight champion with impressive brightness: about 170 lumens* turn night into day.

The delivery is including batteries and case!

| | |
|-------------------------|-----------------|
| ► Specification: | |
| Burning life: | 120 hours |
| Luminous flux: | up to 200 lumen |
| LED: | 1 x Cree |
| Energy tank: | 7.5 Wh |
| Length: | 136.5 mm |
| Weight: | 198 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE7439 | White-Laser | black | 4 x AAA | 46,61 | 44,81 | 43,02 |

*Compared to the average luminous flux (lumen) of standard flashlights equipped with 3 D-cells and light bulbs. The specification may vary ±15% depending on type of chip and batteries.

K3

LED LENSER®



The flashlight for all those who like to travel lightly. The new micro lamp LED LENSER® K3 wont reveal its power, high tech and brightness at first glance, but whoever presses the switch will experience a shining miracle. K3 features the blue moon focus system. A blue circle surrounds the homo geneous light cone.

The delivery is including batteries!

| | |
|-------------------------|---------------------|
| ► Specification: | |
| Burning life: | 50 hours |
| Luminous flux: | 14 lumen |
| LED: | 1 x Nichia High End |
| Energy tank: | 0.96 Wh |
| Length: | 68 mm |
| Weight: | 34 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|-------------------------|-----------------|----------------|-------|-------|-------|
| EVE8313 | White-Laser / Blue Moon | black | 4 x LR 44 | 12,94 | 12,44 | 11,94 |

The specification may vary ±15% depending on type of chip and batteries.

H7

With approximately 140 lumens*, the LED LENSER® H7 is a miracle of light. It is brighter than three conventional electric torches. This lightweight champion is full of the best technology. You can change from long-distance light to circular low beam. The advanced focus system with its convenient features makes outdoor activities more comfortable and, above all, safer. A circular potentiometer allows for smooth dimming and the lamp head can be swivelled within an angle of 90 degrees. The design is simply convincing.

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|-----------|
| Burning life: | 75 hours |
| Luminous flux: | 140 lumen |
| LED: | 1 x Cree |
| Energy tank: | 5,4 Wh |
| Weight: | 117 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE7497 | White-Laser | black/silver | 3 x AAA | 36,34 | 34,94 | 33,54 |

*Compared to the average luminous flux (lumen) of standard flashlights equipped with 3 D-cells and light bulbs. The specification may vary ±15% depending on type of chip and batteries.

LED LENSER®
Lampen für alle Umgebungen**H7R**

Two brand-new functions from the LED LENSER® H7R demonstrate once again that we have an impressive technological lead: The dimming function, which controls brightness and is infinitely adjustable between 0 and 100 and the highprecision optics. The innovative lens system not only generates a broad, circular low beam, but also highly-focused long-distance light. The lamp is easy to handle, and its enormous capacity and luminosity leave nothing to be desired. Rechargeable batteries AAA and a charger are included in delivery and minimize operating costs.

The delivery is including batteries!

► **Specification:**

| | |
|-----------------------|-----------|
| Burning life: | 75 hours |
| Luminous flux: | 140 lumen |
| LED: | 1 x Cree |
| Energy tank: | 4.5 Wh |
| Weight: | 120 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE7498 | White-Laser | black/silver | 3 x AAA | 46,74 | 44,94 | 43,14 |

The specification may vary ±15% depending on type of chip and batteries.

LED LENSER®
Lampen für alle Umgebungen

B7

LED LENSER®



Equipped with a Cree power-LED, light output 170 lumens, and an innovative bracket, LED LENSER® B7 is fit for all uses. Its range and luminosity are evocative of motorbike headlights, and the light modes available are long-distance light and low beam. The lamp is of course splash-proof, so that even heavy rain does not affect its functionality.

The delivery is including batteries!

| | |
|-------------------------|-----------------|
| ► Specification: | |
| Burning life: | 120 hours |
| Luminous flux: | up to 200 lumen |
| LED: | 1 x Cree |
| Energy tank: | 7.5 Wh |
| Switch: | Dynamic switch |
| Length: | 133 mm |
| Weight: | 192 g |

| Item: | Colour of light: | Housing colour: | Spare battery: | ≥ 1 | ≥ 6 | ≥ 12 |
|---------|------------------|-----------------|----------------|-------|-------|-------|
| EVE8427 | White-Laser | silver | 4 x AAA | 48,56 | 46,69 | 44,82 |

The specification may vary ±15% depending on type of chip and batteries.
The lamp is not approved in the area of application from the StVOZ.

D14

LED LENSER®



The lamp head consists of high-grade steel, the body of shock-resistant and shatter-proof plastic. A newly-developed magnetic switch facilitates easy handling even with gloves.

| | |
|-------------------------|----------------|
| ► Specification: | |
| Burning life: | up to 50 hours |
| Luminous flux | 85 lumen |
| LED: | 1 x Cree |
| Energy tank: | 16.8 Wh |
| Length: | 160 mm |

| Item: | Colour of light: | Colour of housing: | Spare battery: | ≥ 1 | ≥ 12 | ≥ 144 |
|---------|------------------|--------------------|----------------|-------|-------|-------|
| EVE7457 | White-Laser | black | 4 x AA | 60,32 | 46,12 | 44,64 |