



**Type:** 57170 **Systems to charge:** Ni-MH  
**Designation:** LCD charger **Cell sizes:** AAA, AA  
**Cell Configurations:** AAA, AA, 2 - 4 pcs.

| Dimensions:  | Charger:   | AC/DC-Adapter: | Car-Adapter: | USB Cord   |
|--------------|------------|----------------|--------------|------------|
| Lenght:..... | 116 ± 1 mm | 1800 ± 5 mm    | 1500 ± 3 mm  | 210 ± 3 mm |
| Widht:.....  | 71 ± 1 mm  | 36.5 ± 2 mm    | 25 ± 2 mm    | 15 ± 1 mm  |
| Height:..... | 34 ± 1 mm  | 63 ± 2 mm      | 22 ± 2 mm    | 8 ± 1 mm   |
| Weight:..... | 95 ± 5 g   | 74 ± 5 g       | 40 ± 5 g     | 14 ± 2 g   |

| Charging methods: | AC & Car plug Charge:         | Maintenance Charge: |                   |
|-------------------|-------------------------------|---------------------|-------------------|
| AA:.....          | Current: 1400 mA ± 200 mA*2AA | 700 mA ± 100 mA*4AA | Current: 20-60 mA |
| AAA:.....         | Current: 350 mA ±100 mA       |                     | Current: 20-60 mA |

| Charging methods: | USB Charge:                  | Maintenance Charge: |                   |
|-------------------|------------------------------|---------------------|-------------------|
| AA:.....          | Current: 500 mA ± 100 mA*2AA | 250 mA ± 50 mA*4AA  | Current: 20-60 mA |
| AAA:.....         | Current: 200 mA ±50 mA       |                     | Current: 20-60 mA |

| Housing:                           | Indications: LCD display  |
|------------------------------------|---|
| Housing Material:..... ABS V-0     | AAA, AA, cell mix:..... Battery symbol bar rolling = Fast Charge  |
| Casing color:..... Silver painting | AAA, AA, cell mix:..... Battery symbol bar fixed = Trickle charge |
| Cover color:..... Green painting   | AAA, AA, cell mix:..... Battery symbol flashing = fault mode      |

| Protective Functions:                        | Power:                             |
|--|------------------------------------|
| AC/DC-Adapter:..... Short circuit protection | Primary:..... 100-240 VAC 50/60 Hz |
| Car Adaptor: 3A 250V fuse                    |                                    |

**Cut off criteria:**  
 Ni-MH standard cells:.... Timer: 120mins ± 10% (2 AA Cells – AC/Car Adaptor), : 240mins ± 10% (4 AA Cells – AC/Car Adaptor)  
 180mins ± 10% (2/4 AAA Cells – AC/Car Adaptor), 360mins ± 10% (2 AA Cells – USB Adaptor)  
 720mins ± 10% (4 AA Cells – USB Adaptor), 420mins ± 10% (2/4 AAA Cells – USB Adaptor)  
 Thermal cut off 47-55° C dV (Delta V): 0-24mV

**No publication or circulation of data to third parties without consent of VARTA Consumer Batteries**

\* In consideration of typical loss of capacity at storage and application.