



**2** JAHRE GARANTIE  
 YEARS WARRANTY

**ANSMANN Digital NiMH Rechargeable battery AA / HR6 Typ 2850 (min. 2650 mAh) 4 pcs. blister packaging**

- Fast rechargeable
- Extremely long life due to high cycle stability
- Highly efficient and environmentally friendly, up to 1.000 times rechargeable
- No memory effect
- Designed for professional applications such as digital cameras, flash units or measuring instruments
- Due to very low internal resistance perfect for applications with high energy consumption
- Excellent temperature resistance from -20°C to +50°C
- Cell type: NiMH
- Cell size: AA / HR6
- Capacity: Typ 2850 (min. 2650 mAh)
- Voltage: 1,2 V

**INFORMATION**

**Product name** Digital NiMH Rechargeable battery AA / HR6 Typ 2850 (min. 2650 mAh) 4 pcs. blister packaging  
**Part No.** 5035092  
**EAN code** 4013674350926  
**Customs tariff number** 85075000900  
**Material Group** 04  
**Product content** 4 Nickel metal hydride rechargeable batteries AA / HR6

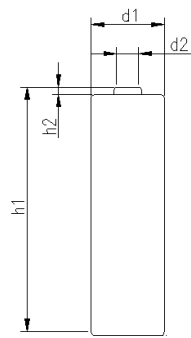
**Product** 14,5 × 14,5 × 50,5 mm / 30 g  
**Packing + Product** 86 × 17 × 123 mm / 127 g  
**Packing Unit** 12 Pieces (150 × 112 × 92 mm)



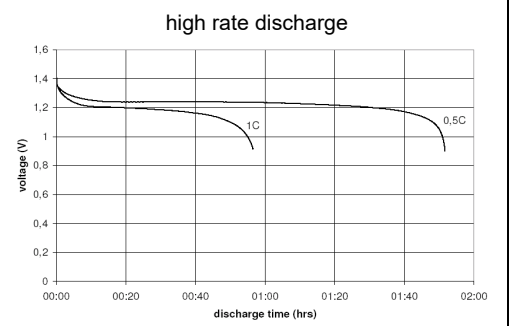
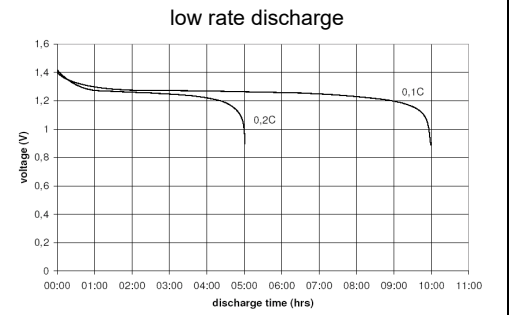
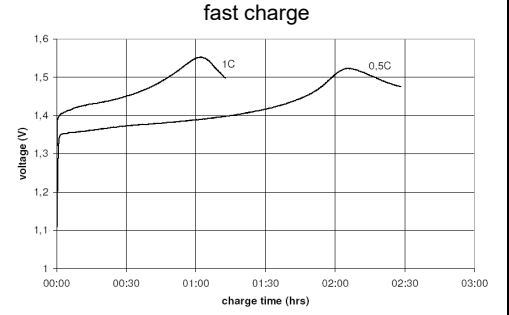
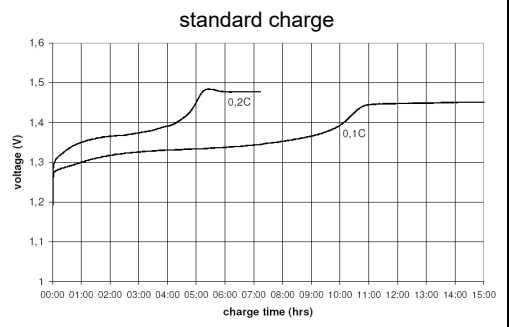
|  |   |   |
|--|---|---|
| <b>cell type:</b>                                  | NiMH  | <b>Conditions</b>   |
| <b>cell size:</b>                                  | AA  |   |
| <b>nominal voltage:</b>                            | 1.2 V   |   |
| <b>max. charge voltage:</b>                        | 1.5 V   | at standard charge (0.1C / 20°C)  |
| <b>capacity</b>                                    |   |   |
| nominal:   | 2850 mAh  | discharge at 0.2C   |
| minimum:   | 2650 mAh  | discharge at 0.2C   |
|  | 2400 mAh  | discharge at 1C   |
|  |   | 1.0V end discharge voltage  |
|  |   | ta: 20°C  |
| <b>max. continuous discharge current:</b>          | 5000 mA   | ta: 0...45°C  |
| <b>charge</b>                                      |   |   |
| standard charge:                                   | current 265 mA  | time 14...16hrs   |
| quick charge:                                      | 750 mA  | 4hrs  |
| fast charge:                                       | 2650 mA   | 1.1hr   |
| recommended charge termination control parameters: | 0...5 mV<br>0.8...1 °C<br>45...50 °C  | - ΔV (-deltaV)<br>temperature rise per minute<br>TCO (temperature cut off)                                    |
| trickle charge current:                            | 10...30 mA  | (recommended)   |
| continuous overcharge: (less than 1 year)          | ≤ 100 mA  | no conspicuous deformation<br>no leakage  |
| <b>internal resistance:</b> (impedance)            | ≤ 35 mΩ   | at 1KHz<br>battery fully charged  |
| <b>life expectancy:</b>                            | ≥ 500 cycles  | acc. IEC standard   |
| <b>self discharge</b>                              |   |   |
| charge retention after 360 days storage at 20°C:   | ≥ 40 %  | of minimal battery capacity;<br>at 0.2C discharge to EV 1.0V  |
| subsequent capacity:                               | ≥ 1060 mAh  |   |
| <b>initial capacity:</b>                           | ≥ 2000 mAh  | within 30 days after delivery<br>discharge at 0.2C  |
| <b>ambient temperature range:</b>                  | 0...45 °C<br>10...40 °C<br>- 20...65 °C<br>- 20...50 °C<br>- 20...45 °C<br>- 20...35 °C | standard charge<br>fast charge<br>discharge<br>storage (≤1month)<br>storage (≤6months)<br>storage (≤12months) |

|       |            |
|-------|------------|
| QCT1: | 20/2500/40 |
| QCT2: | 30/2350/45 |

|                                  |            |    |
|----------------------------------|------------|----|
| <b>mechanical specifications</b> |            |    |
| cell dimensions                  |            |    |
| diameter d1 (incl. label):       | 14.5 - 0.7 | mm |
| diameter d1 (bare cell):         | 14.3 - 0.7 | mm |
| diameter d2:                     | max. 5.5   | mm |
| height h1:                       | 50.5 - 0.5 | mm |
| height h2:                       | min. 1.2   | mm |
| weight:                          | 31 ± 2     | g  |



**Diagrams**



|  |  |  |
|--|--|--|
|  | <b>ANSMANN Specifications for model:</b> | <b>NiMH Battery</b>                        |
|  |  | <b>AA - 2850mAh reduced self discharge</b> |
|  | data sheet no. / part no.                | 5035092                                    |
|  | supplier no.                             | 701372                                     |
|  | author / date                            | TG / 17.12.2019                            |

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice