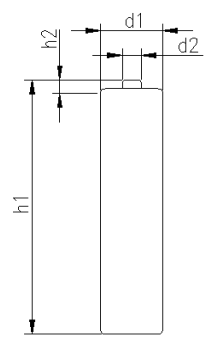
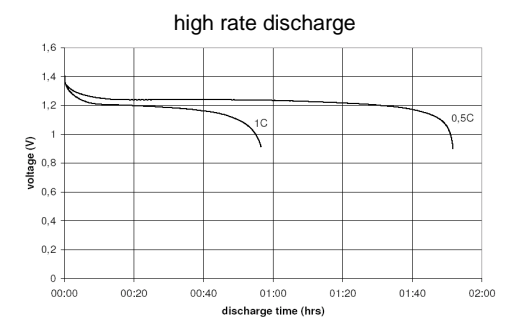
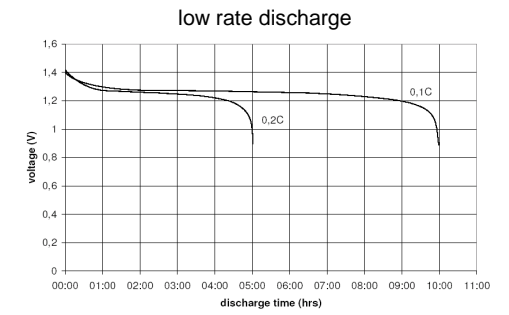
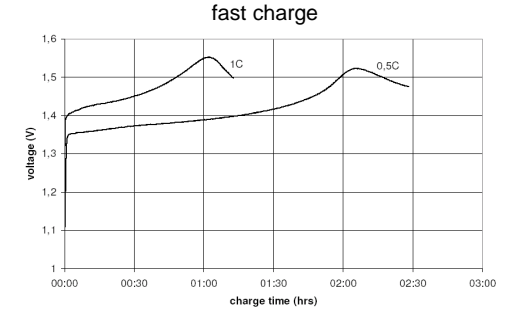
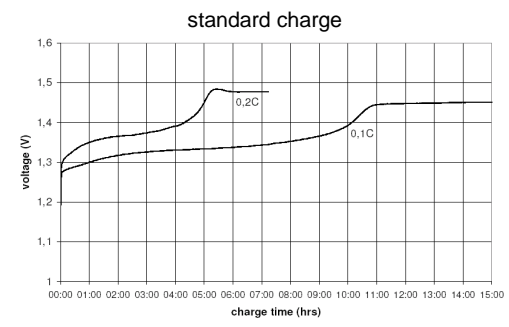


| | | Conditions | |
|--|-----------|--|------|
| cell type: | | NiMH | |
| cell size: | | AAA | |
| nominal voltage: | 1.2 | V | |
| max. charge voltage: | 1.5 | V at standard charge (0.1C / 20°C) | |
| capacity | | | |
| nominal: | 800 | mAh discharge at 0.2C | |
| minimum: | 800 | mAh discharge at 0.2C | |
| | 750 | mAh discharge at 1C | |
| | | 1.0V end discharge voltage | |
| | | ta: 20°C | |
| max. continuous discharge current: | 2400 | mA ta: 0...45°C | |
| charge | | current | time |
| standard charge: | 80 | mA 14....16hrs | |
| quick charge: | 240 | mA 4hrs | |
| fast charge: | 800 | mA 1.1hrs | |
| recommended charge termination control parameters: | 0...5 | mV -ΔV (-delta V) | |
| | 0.8...1 | °C temperature rise per minute | |
| | 45...50 | °C TCO (temperature cut off) | |
| trickle charge current: | 8...25 | mA (recommended) | |
| continuous overcharge: (less than 1 year) | ≤ 80 | mA no conspicuous deformation no leakage | |
| internal resistance: (impedance) | ≤ 40 | mΩ at 1KHz battery fully charged | |
| life expectancy: | ≥ 500 | cycles acc. IEC standard | |
| self discharge | | | |
| charge retention: | ≥ 80 | % after 12 months storage at 20°C | |
| initial capacity: | ≥ 550 | mAh within 30 days after delivery discharge at 0.2C | |
| ambient temperature range: | 0...45 | °C standard charge | |
| | 10...40 | °C fast charge | |
| | 0...45 | °C discharge (≥1C) | |
| | - 20...65 | °C discharge (<1C) | |
| | - 20...50 | °C storage (≤3months) | |
| | - 20...40 | °C storage (≤6months) | |
| | - 20...30 | °C storage (≤24months) | |
| QCT1: | 20/750/45 | | |
| QCT2: | 30/700/50 | | |

| mechanical specifications | | | |
|--|------|------------|----|
| cell dimensions | | | |
| diameter d1: | | 10.5 - 0.7 | mm |
| diameter d2: | max. | 3.8 | mm |
| height h1: | | 44.5 - 1.5 | mm |
| height h2: | min. | 0.8 | mm |
| weight: | | 12.5 ± 2 | g |
| blister card dimensions: | | 123 x 85 | mm |
| blister card weight (incl. batteries): | | 58 | g |



Diagrams



| | | |
|--|--|---|
| | ANSMANN Specifications for model: | AAA - 800mAh low self discharge 4pcs blister package |
| | data sheet no. / part no. | 5035042 |
| | supplier no. | 702069 |
| | author / date | Gramlich / 06.02.2012 |

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