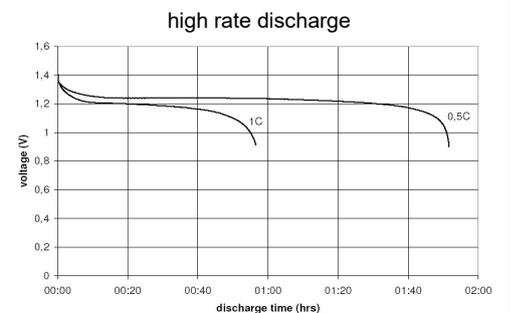
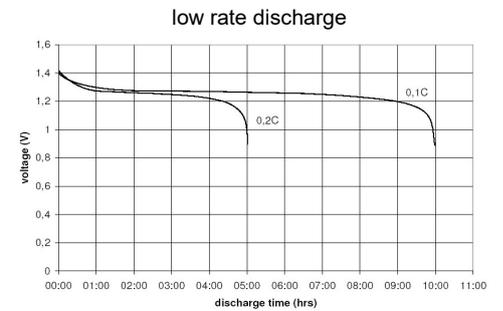
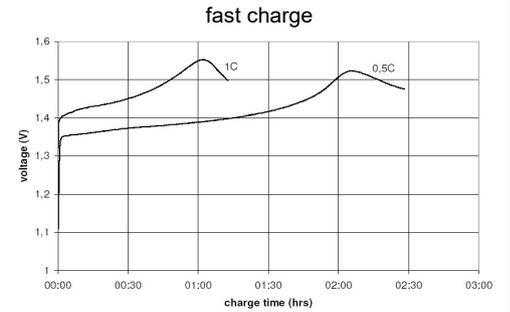
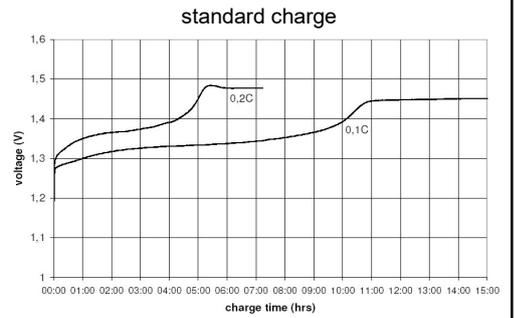


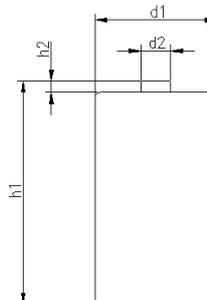
| | | |
|--|---|--|
| cell type: | NiMH | Conditions |
| cell size: | C | |
| nominal voltage: | 1.2 V | |
| max. charge voltage: | 1.5 V | at standard charge (0.1C / 20°C) |
| capacity | | |
| nominal: | 4500 mAh | discharge at 0.2C |
| minimum: | 4500 mAh | discharge at 0.2C |
| | 4200 mAh | discharge at 1C |
| | | 1.0V end discharge voltage |
| | | ta: 20°C |
| max. continuous discharge current: | 6750 mA | ta: 0...45°C |
| charge | | |
| standard charge: | current 450 mA | time 14....16hrs |
| quick charge: | 1350 mA | 4hrs |
| fast charge: | 2250 mA | 2.3hrs |
| recommended charge termination control parameters: | 0...5 mV 0.8...1 °C 45...50 °C | - ΔV (-deltaV) temperature rise per minute TCO (temperature cut off) |
| trickle charge current: | 45...150 mA | (recommended) |
| continuous overcharge: (less than 1 year) | ≤ 450 mA | no conspicuous deformation no leakage |
| internal resistance: (impedance) | ≤ 20 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: | ≥ 3150 mAh | within 30 days after delivery discharge at 0.2C |
| ambient temperature range: | 0...45 °C 10...40 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C | standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months) |
| QCT1: | 20/4300/20 | |
| QCT2: | 30/4200/20 | |

Diagrams



mechanical specifications

| | | | |
|-----------------|------|------------|----|
| cell dimensions | | | |
| diameter d1: | | 25.6 - 1.0 | mm |
| diameter d2: | max. | 7.5 | mm |
| height h1: | | 50.0 - 2.0 | mm |
| height h2: | min. | 1.5 | mm |
| weight: | | 80 ± 4 | g |



| | | | |
|--|--|---------------------|---------------------------|
| | ANSMANN Specifications for model: | NiMH Battery | C |
| | | 4500mAh | low self discharge |
| | data sheet no. / part no. | 5035352 | |
| | supplier no. | 702069 | |
| | author / date | TG / 16.07.2024 | |