



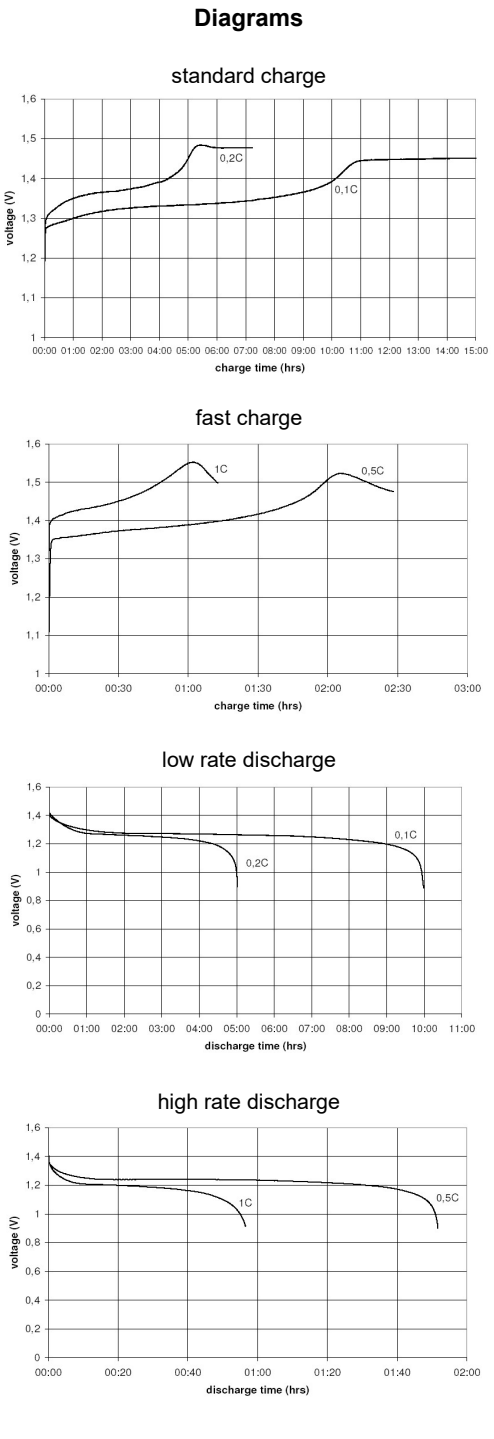
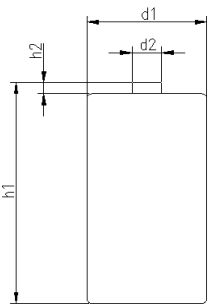
**THE DATASHEET OF
5030912-XX**



| | | Conditions | |
|--|--------------|--|-------------|
| cell type: | NiMH | | |
| cell size: | C | | |
| nominal voltage: | 1.2 V | | |
| max. charge voltage: | 1.5 V | at standard charge (0.1C / 20°C) | |
| capacity | | | |
| nominal: | 2500 mAh | discharge at 0.2C | |
| minimum: | 2500 mAh | discharge at 0.2C | |
| | 2250 mAh | discharge at 1C | |
| | | 1.0V end discharge voltage | |
| | | ta: 20°C | |
| max. continuous discharge current: | 5000 mA | ta: 0...45°C | |
| charge | | current | time |
| standard charge: | 250 mA | 750 mA | 14....16hrs |
| quick charge: | 750 mA | 2500 mA | 4hrs |
| fast charge: | 2500 mA | | 1.1hrs |
| recommended charge termination control parameters: | 0...5 mV | - ΔV (-deltaV) | |
| | 0.8...1 °C | temperature rise per minute | |
| | 45...50 °C | TCO (temperature cut off) | |
| trickle charge current: | 25...75 mA | (recommended) | |
| continuous overcharge: (less than 1 year) | ≤ 250 mA | no conspicuous deformation no leakage | |
| internal resistance: (impedance) | ≤ 30 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: | ≥ 1700 mAh | within 30 days after delivery discharge at 0.2C | |
| ambient temperature range: | | | |
| | 0...45 °C | standard charge | |
| | 10...40 °C | fast charge | |
| | - 20...65 °C | discharge | |
| | - 20...50 °C | storage (≤3months) | |
| | - 20...40 °C | storage (≤6months) | |
| | - 20...30 °C | storage (≤24months) | |

QCT1: 20/2350/30
QCT2: 30/2200/35

| 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: | | 60 ± 4 | g |



| | | |
|--|--|--|
| | ANSMANN Specifications for model: | C - 2500mAh low self discharge 2pcs blister package |
| | data sheet no. / part no. | 5030912 |
| | s.n. | 702069 |
| | author / date | TG / 18.06.2024 |

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

Looking for pricing, stock, or lifecycle information?

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