cell type: NiMH **Diagrams** Sub-C cell size: for single cell number of cells: Standard Charge 6 **Conditions** Charge: 0.1C x 15hrs 1.7 nominal voltage: 7.2 max. charge voltage: 9.0 V at standard charge (0.1C / 20℃) 20 45°C capacity nominal: 3000 mAh discharge at 0.2C discharge at 0.2C minimum: 2900 mAh 14 mAh discharge at 3C 2700 Charge time (hrs) 6.0V end discharge voltage Rapid Charge ta: 20℃ 1.8 Charge: 1.0C x 1.05hrs max. discharge current 1.7 -0°C ta: 0....50℃ Noltage (S) 1.5 continuous: 30 Α 45 Α temporary: 40°0 charge current time standard charge: 300 mΑ 14...16hrs 1.8 quick charge: 1500 mΑ 2.1hrs 1.1 10 20 70 fast charge: 3000 mΑ 1.05hrs Charge Time (min) recommended charge 15...30 mV - delta V Discharge Characteristics 1.5 termination control 0.8...1 \mathcal{C} temperature rise per minute Charge: 1.0C x 1.05h 1.4 parameters: 45...55 ℃ TCO (temperature cut off) 1.3 /oltage (V) 1.2 trickle charge current: 30...150 mA (recommended) 1.1 continuous overcharge: ≤ 300 mΑ no conspicuous deformation 1.0 (less than 48hours) no leakage 0.9 0.8 internal resistance: ≤ 60 $\, m\Omega$ at 1KHz 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 Discharge Time (min) (impedance) battery fully charged Self Discharge life expectance: ≥ 500 cycles acc. IEC standard 110 self discharge Capacity Retention (%) charge retention: ≥ 60 % after 28days storage at 20℃ ambient temperature \mathcal{C} standard charge range: 0...45 \mathcal{C} 10...40 fast charge 20 - 20...50 \mathcal{C} discharge \mathcal{C} - 20...40 storage (≤1month) 20 25 30 storage time (days) - 20...25 \mathcal{C} storage (≤12months) silicon line red with high flexible wire AWG14 20/2800/65 QCT1: QCT2: 30/2700/65 vire lengths approx. 100mm silicon line black with high flexible wire AVVG14 Tamiya plug shrink tube mechanical specifications pack dimensions (with sleeve) length I1: 46.5 +/- 1 mm The pole area of the battery length 12: 24 +/- 1 mm height h: 134 +/- 3 mm weight: 360 +/- 20 g

ANSMANN®	ANSMANN Specifications for model:	NiMH RC - Battery Pack 7.2V 3000mAh (w. Tamiya plug)
	data sheet no. / part no.	4050-0002
	supplier no.	518102
	author / date	TG / 14.05.2012