

cell type: NiMH
cell size: E-block

nominal voltage: 8.4 V
max. charge voltage: 10.5 V

capacity
 nominal: 200 mAh
 minimum: 200 mAh
 180 mAh

Conditions
 at standard charge (0.1C / 20°C)
 discharge at 0.2C
 discharge at 0.2C
 discharge at 1C
 7.0V end discharge voltage
 ta: 20°C

max. continuous discharge current: 400 mA
 ta: 0...45°C

charge
 standard charge: 20 mA 14...16hrs
 quick charge: 60 mA 4hrs
 fast charge: 200 mA 1.2hrs

recommended charge termination control parameters:
 15...35 mV - delta V
 120 % of nominal input
 by timer cut off

trickle charge current: 2...10 mA (recommended)

continuous overcharge: ≤ 20 mA
 (less than 1 year) no conspicuous deformation
 no leakage

internal resistance: ≤ 0.8 Ω
 (impedance) at 1KHz
 battery fully charged

life expectancy: ≥ 500 cycles acc. IEC standard

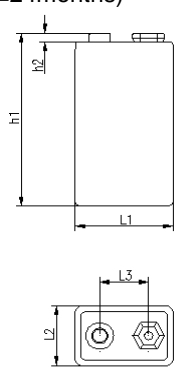
self discharge
 charge retention: ≥ 85 % after 6 months storage
 (at ≤ 20°C ambient) ≥ 80 % after 12 months storage

initial capacity: ≥140 mAh within 30 days after delivery
 discharge at 0.2C

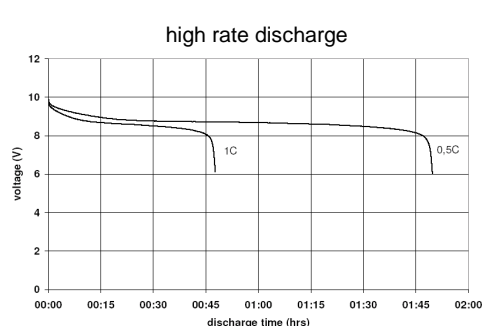
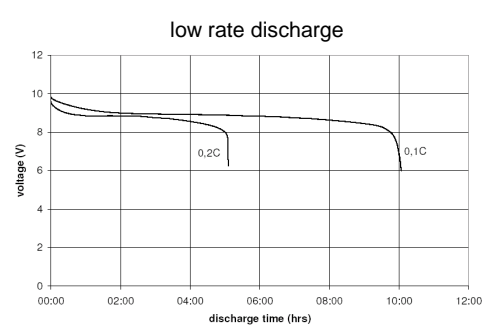
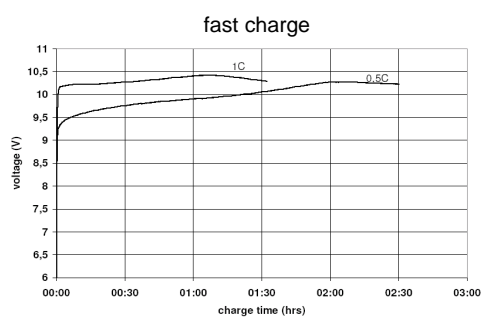
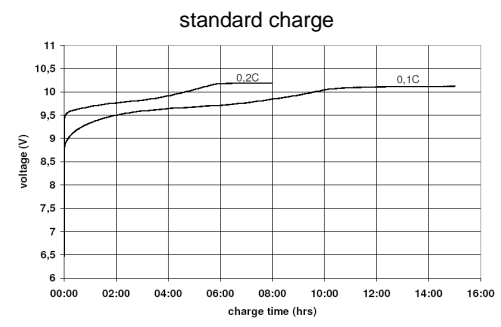
ambient temperature range:
 0...45 °C standard charge
 10...40 °C fast charge
 0...45 °C discharge (≥1C)
 - 20...65 °C discharge (<1C)
 - 20...50 °C storage (≤3months)
 - 20...40 °C storage (≤6months)
 - 20...30 °C storage (≤24months)

QCT1: 20/180/750
QCT2: 30/170/800

mechanical specifications
 cell dimensions (incl. label)
 Length L1: 26.5 - 2.0 mm
 Length L2: 17.5 - 2.0 mm
 Length L3: 12.7 ± 0.25 mm
 height h1: 48.5 - 1.0 mm
 weight: 41 ± 4 g
 blister card dimensions: 123 x 85 mm
 blister card weight (incl. batteries): 50 g



Diagrams



	ANSMANN Specifications for model:	9V-E-block 200mAh low self discharge 1pc blister package
	data sheet no. / part no.	5035342
	supplier no.	702069
	author / date	Gramlich / 03.03.2012