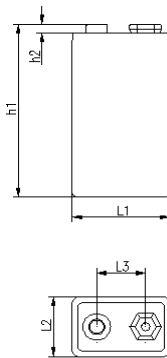


		Conditions	
cell type:		NiMH	
cell size:		E-block	
nominal voltage:	8.4	V	
max. charge voltage:	10.5	V	at standard charge (0.1C / 20°C)
capacity			
nominal:	300	mAh	discharge at 0.2C
minimum:	270	mAh	discharge at 0.2C
	240	mAh	discharge at 1C
			7.0V end discharge voltage
			ta: 20°C
max. continuous discharge current:	400	mA	ta: 0...45°C
charge			
standard charge:	30	mA	14...16hrs
quick charge:	85	mA	4hrs
fast charge:	300	mA	1.1hrs
recommended charge termination control parameters:	15...35	mV	- delta V
	120	%	of nominal input by timer cut off
trickle charge current:	2...15	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 30	mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 0.8	Ω	at 1KHz battery fully charged
life expectancy:	≥ 500	cycles	acc. IEC standard
self discharge			
charge retention: (at ≤ 20°C ambient)	≥ 85	%	after 6 months storage
	≥ 80	%	after 12 months storage
initial capacity:	≥200	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:	20/260/750		
QCT2:	30/240/800		

mechanical specifications

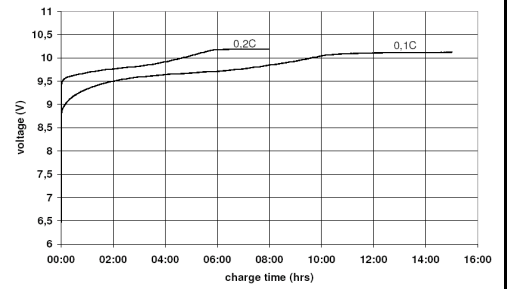
cell dimensions (incl. label)

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:	45 ± 4	g

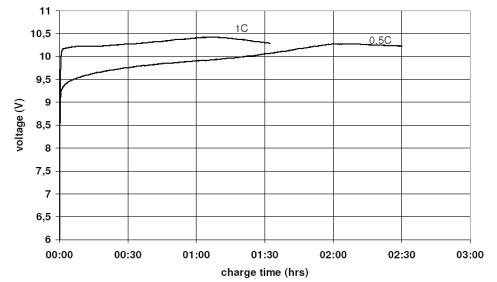


Diagrams

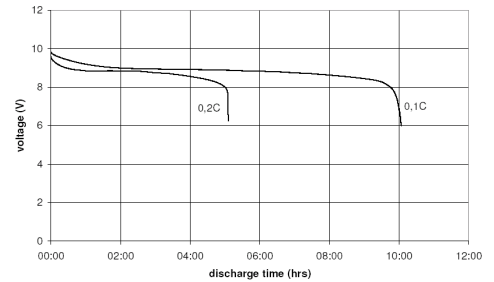
standard charge



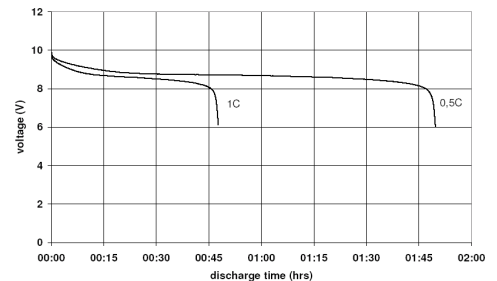
fast charge



low rate discharge



high rate discharge



ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

9V-E-block 300mAh low self discharge bulk package

5035451

701364

Gramlich / 05.03.2012