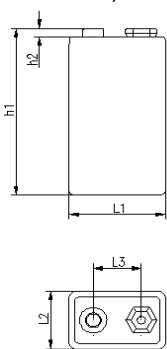

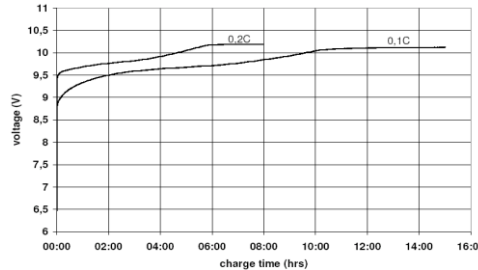
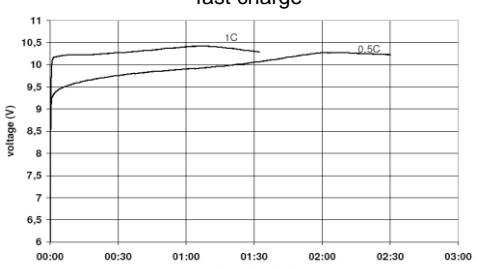
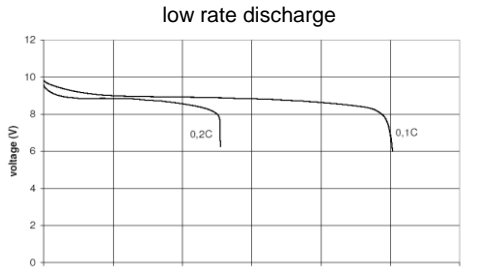
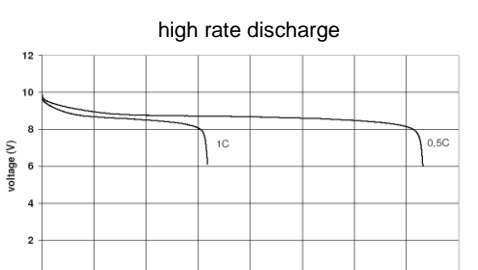



		Conditions	Diagrams
<b>cell type:</b>		NiMH	
<b>cell size:</b>		E-block	
<b>nominal voltage:</b>	8.4	V	
<b>max. charge voltage:</b>	10.5	V	at standard charge (0.1C / 20°C)
<b>capacity</b>			
nominal:	200	mAh	discharge at 0.2C
minimum:	200	mAh	discharge at 0.2C
	180	mAh	discharge at 1C
			7.0V end discharge voltage ta: 20°C
<b>max. continuous discharge current:</b>	400	mA	ta: 0...45°C
<b>charge</b>			
standard charge:	current	time	
quick charge:	20	mA	14...16hrs
fast charge:	60	mA	4hrs
	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: (less than 1 year)	≤ 20	mA	no conspicuous deformation no leakage
<b>internal resistance:</b> (impedance)	≤ 0.8	Ω	at 1KHz battery fully charged
<b>life expectancy:</b>	≥ 500	cycles	acc. IEC standard
<b>self discharge</b>			
charge retention: (at ≤ 20°C ambient)	≥ 85	%	after 6 months storage
	≥ 80	%	after 12 months storage
<b>initial capacity:</b>	≥140	mAh	within 30 days after delivery discharge at 0.2C
<b>ambient temperature range:</b>	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		
<b>mechanical specifications</b>			
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	
			
			
			
			
			
			

	<b>ANSMANN Specifications for model:</b>	<b>9V-E-block 200mAh low self discharge bulk package</b>
	data sheet no. / part no.	5035341
	supplier no.	702069
	author / date	Gramlich / 03.03.2012