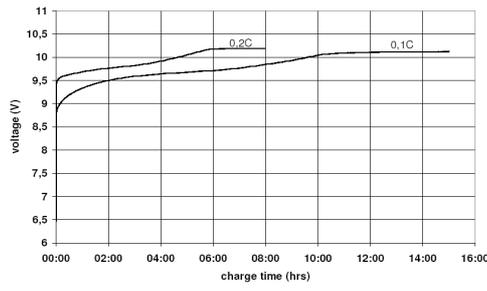
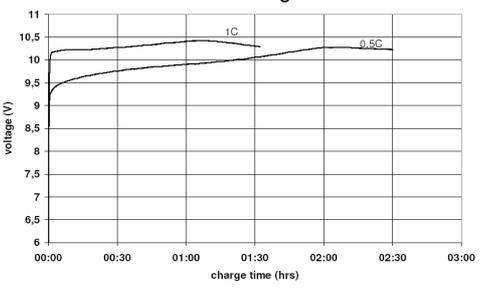
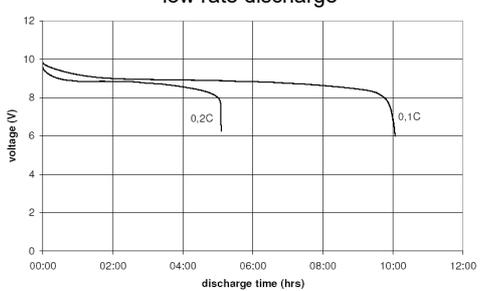
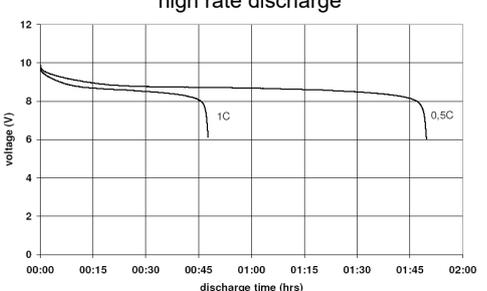
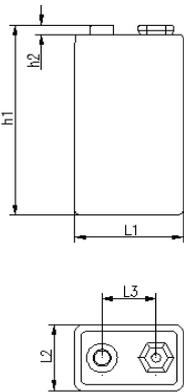


		Conditions	Diagrams
<b>cell type:</b>		NiMH	<b>standard charge</b> 
<b>cell size:</b>		E-block	
<b>nominal voltage:</b>	8.4	V	<b>fast charge</b> 
<b>max. charge voltage:</b>	10.5	V	
		at standard charge (0.1C / 20°C)	<b>low rate discharge</b> 
<b>capacity</b>			
nominal:	200	mAh	<b>high rate discharge</b> 
minimum:	200	mAh	
	180	mAh	
		discharge at 0.2C	
		discharge at 0.2C	
		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>	current	time	
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: (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
	- 20...65	°C	discharge
	- 20...50	°C	storage (≤3months)
	- 20...40	°C	storage (≤6months)
	- 20...30	°C	storage (≤24months)
<b>QCT1:</b>	20/180/750		
<b>QCT2:</b>	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>NiMH Battery 9V-E-Block 200mAh</b>
	data sheet no. / part no.	<b>low self discharge</b>
	s.n.	702069
	author / date	TG / 25.01.2019