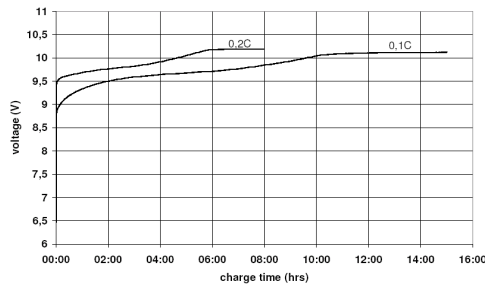
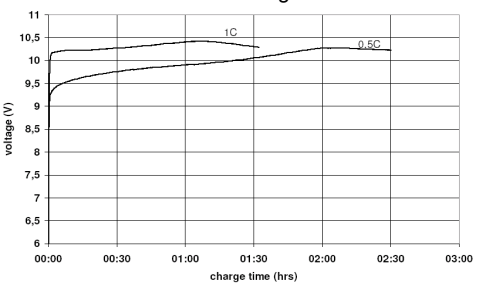
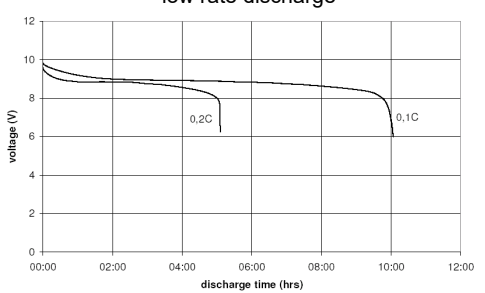
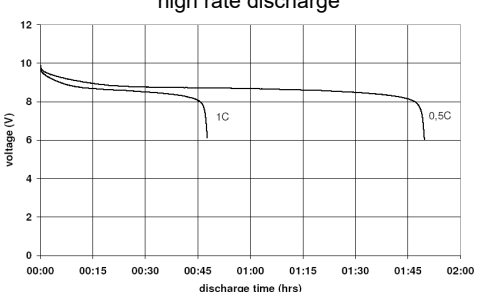
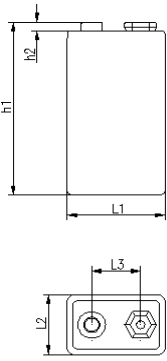


			Conditions	Diagrams
cell type:			NiMH	
cell size:			E-block	
nominal voltage:	8.4	V		
max. charge voltage:	10.5	V	at standard charge (0.1C / 20°C)	standard charge 
capacity				
nominal:	200	mAh	discharge at 0.2C	
minimum:	200	mAh	discharge at 0.2C	
	180	mAh	discharge at 1C	
			7.0V end discharge voltage	
			ta: 20°C	
max. continuous discharge current:	400	mA	ta: 0...45°C	fast charge 
charge	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)	low rate discharge 
continuous overcharge: (less than 1 year)	≤ 20	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 0.8	Ω	at 1KHz battery fully charged	high rate discharge 
life expectance:	≥ 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		
				

	ANSMANN Specifications for model:	9V-E-block 200mAh low self discharge
	data sheet no. / part no.	5035342
	supplier no.	702069
	author / date	TG / 28.02.2018