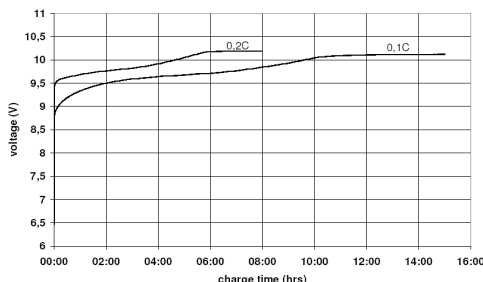
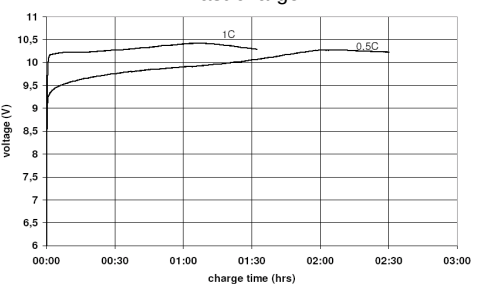
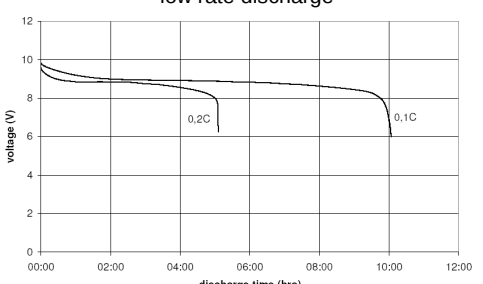
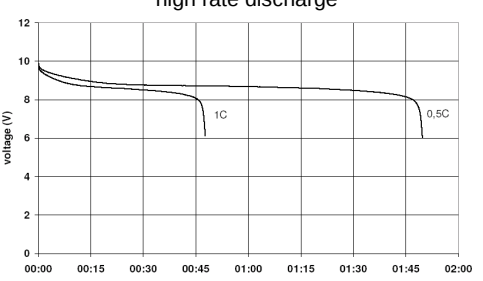
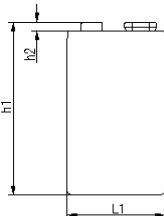
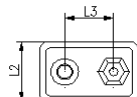


			Conditions	Diagrams
cell type:			NiMH	
cell size:			E-block	
nominal voltage:	8.4	V		
max. charge voltage:	10.5	V	at standard charge (0.1C / 20°C)	
capacity				standard charge 
nominal:	300	mAh	discharge at 0.2C	
minimum:	270	mAh	discharge at 0.2C	
	240	mAh	discharge at 1C	
			7.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	400	mA	ta: 0...45°C	
charge			time	
standard charge:	30	mA	14....16hrs	
quick charge:	85	mA	4hrs	
fast charge:	300	mA	1.1hrs	fast charge 
recommended charge termination control parameters:	15....35 mV 120 %	mV %	- delta V 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	low rate discharge 
self discharge				high rate discharge 
charge retention: (at ≤ 20°C ambient)	≥ 85 % ≥ 80 %	%	after 6 months storage after 12 months storage	
initial capacity:	≥200	mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C 10...40 °C 0...45 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C	°C	standard charge fast charge discharge (≥1C) discharge (<1C) storage (≤3months) storage (≤6months) 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		
				

	ANSMANN Specifications for model:	9V-E-block 300mAh low self discharge bulk package
	data sheet no. / part no.	5035451
	supplier no.	701364
	author / date	Gramlich / 05.03.2012