

		<b>Conditions</b>		<b>Diagrams</b>	
<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:	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		
	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			
blister card dimensions:	123 x 85	mm			
blister card weight (incl. batteries):	50	g			

	<b>ANSMANN Specifications for model:</b>	<b>9V-E-block 200mAh low self discharge 1pc blister package</b>
	data sheet no. / part no.	5035342
	supplier no.	702069
	author / date	TG / 28.02.2018

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice