

		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					
nominal:	300	mAh			
minimum:	270	mAh			
	240	mAh			
		7.0V end discharge voltage			
		ta: 20°C			
max. continuous discharge current:	400	mA			
		ta: 0...45°C			
charge					
standard charge:	30	mA		14...16hrs	
quick charge:	85	mA		4hrs	
fast charge:	300	mA		1.1hrs	
recommended charge termination control parameters:	15...35	mV		- delta V	
	120	%		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	
self discharge					
charge retention: (at ≤ 20°C ambient)	≥ 85	%		after 6 months storage	
	≥ 80	%		after 12 months storage	
initial capacity:	≥200	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:	20/260/750				
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			
blister card dimensions:	123 x 85	mm			
blister card weight (incl. battery):	53	g			

	ANSMANN Specifications for model:	9V-E-block 300mAh low self discharge 1pc blister package
	data sheet no. / part no.	5035453
	supplier no.	701364
	author / date	Gramlich / 05.03.2012

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