

		Conditions	Diagrams
<b>cell type:</b>		NiMH	<p><b>standard charge</b></p> <p><b>fast charge</b></p> <p><b>low rate discharge</b></p> <p><b>high rate discharge</b></p>
<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>			
<b>nominal:</b>	150	mAh	
<b>minimum:</b>	120	mAh	
	100	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>	360	mA	
		ta: 0...45°C	
<b>charge</b>			
<b>standard charge:</b>	15	mA	
<b>quick charge:</b>	40	mA	
<b>fast charge:</b>	150	mA	
		14...16hrs	
		4hrs	
		1hr	
<b>recommended charge termination control parameters:</b>	15...35	mV	
	120	%	
		- delta V of nominal input by timer cut off	
<b>trickle charge current:</b>	1...5	mA	
		(recommended)	
<b>continuous overcharge: (less than 1 year)</b>	≤ 12	mA	
		no conspicuous deformation no leakage	
<b>internal resistance: (impedance)</b>	≤ 0.8	Ω	
		at 1KHz battery fully charged	
<b>life expectancy:</b>	≥ 500	cycles	
		acc. IEC standard	
<b>self discharge</b>			
<b>charge retention:</b>	≥ 60	%	
		after 28days storage at 20°C	
<b>initial capacity:</b>	≥ 50	mAh	
		within 30 days after delivery discharge at 0.2C	
<b>ambient temperature range:</b>	0...45	°C	
	10...40	°C	
	0...45	°C	
	- 20...65	°C	
	- 20...50	°C	
	- 20...40	°C	
	- 20...25	°C	
		standard charge	
		fast charge	
		discharge (≥1C)	
		discharge (<1C)	
		storage (≤1month)	
		storage (≤3months)	
		storage (≤12months)	
<b>QCT1:</b>	20/110/800		
<b>QCT2:</b>	30/90/900		
<b>mechanical specifications</b>			
<b>cell dimensions (incl. label)</b>			
<b>Length L1:</b>	26.5	- 2.0 mm	
<b>Length L2:</b>	17.5	- 2.0 mm	
<b>Length L3:</b>	12.7	± 0.25 mm	
<b>height h1:</b>	48.5	- 1.0 mm	
<b>weight:</b>	38	± 4 g	
<b>blister card dimensions:</b>	120	x 86 mm	
<b>blister card weight (incl. battery):</b>	46	g	



<b>ANSMANN Specifications for model:</b>	<b>9V-E-block 150mAh</b>
	<b>HyCell 1pc blister package</b>
data sheet no. / part no.	5035322
supplier no.	702069
author / date	TG / 15.02.2016