

		Conditions		Diagrams	
<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>					
<b>nominal:</b>	150	mAh	discharge at 0.2C		
<b>minimum:</b>	120	mAh	discharge at 0.2C		
	100	mAh	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>	current	time			
<b>standard charge:</b>	15	mA	14...16hrs		
<b>quick charge:</b>	40	mA	4hrs		
<b>fast charge:</b>	150	mA	1hr		
<b>recommended charge termination control parameters:</b>	15...35	mV	- delta V		
	120	%	of nominal input by timer cut off		
<b>trickle charge current:</b>	1...5	mA	(recommended)		
<b>continuous overcharge:</b> (less than 1 year)	≤ 12	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>					
<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	standard charge		
	10...40	°C	fast charge		
	0...45	°C	discharge (≥1C)		
	- 20...65	°C	discharge (<1C)		
	- 20...50	°C	storage (≤1month)		
	- 20...40	°C	storage (≤3months)		
	- 20...25	°C	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		