

			Conditions	Diagrams
cell type:	NiMH			
cell size:	AAA			
nominal voltage:	1.2	V	at standard charge (0.1C / 20°C)	Charge characteristics
max. charge voltage:	1.5	V		
capacity				
nominal:	800	mAh	discharge at 0.2C	Discharge characteristics
minimum:	800	mAh	discharge at 0.2C	
	760	mAh	discharge at 1C	Capacity retention characteristics
			1.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	1600	mA	ta: 0...45°C	Capacity retention characteristics
charge	current	time		
standard charge:	80	mA	14...16hrs	
quick charge:	250	mA	4hrs	
fast charge:	800	mA	1.1hrs	
recommended charge	0...5	mV	- delta V	
termination control	0.8...1	°C	temperature rise per minute	
parameters:	45...50	°C	TCO (temperature cut off)	
trickle charge current:	8...30	mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 80	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 45	mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 75	%	after 12 months storage at 20°C	
initial capacity:	≥ 550	mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C		standard charge	
	10...40 °C		fast charge	
	- 20...55 °C		discharge	
	- 20...50 °C		storage (≤3months)	
	- 20...40 °C		storage (≤6months)	
	- 20...30 °C		storage (≤24months)	
QCT1:	20/700/50			
QCT2:	30/600/50			
mechanical specifications				
cell dimensions (incl. label)				
diameter d1:	10.5 - 0.3	mm		
diameter d2:	5.0 ± 1	mm		
height h1:	44.5 - 1.5	mm		
height h2:	0 + 1	mm		
weight:	12 ± 2	g		