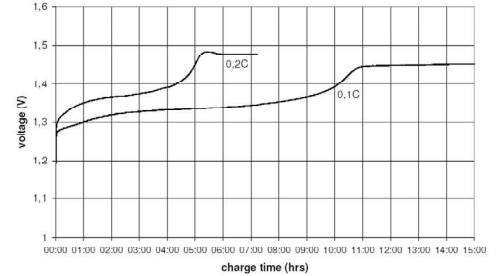


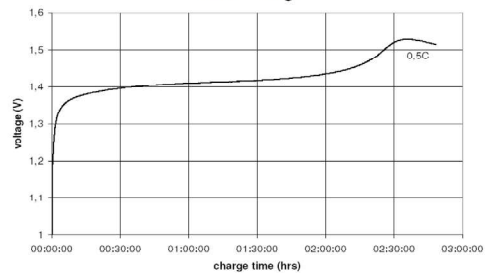
		Conditions	
cell type:	NiMH		
cell size:	D		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	9000 mAh	discharge at 0.2C	
minimum:	8500 mAh	discharge at 0.2C	
	7650 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	24 A	ta: 0...45°C	
charge	current	time	
standard charge:	900 mA	14...16hrs	
quick charge:	2500 mA	4hrs	
fast charge:	4500 mA	2.2hrs	
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	- delta V temperature rise per minute TCO (temperature cut off)	
trickle charge current:	85...285 mA	(recommended)	
continuous overcharge: (less than 28 days)	≤ 850 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 6 mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention: (ta: 20°C)	≥ 70 %	after 12 months storage	
initial capacity:	≥ 6000 mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C 10...40 °C - 20...55 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months)	

Diagrams

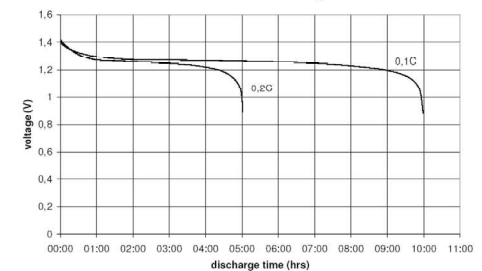
standard charge



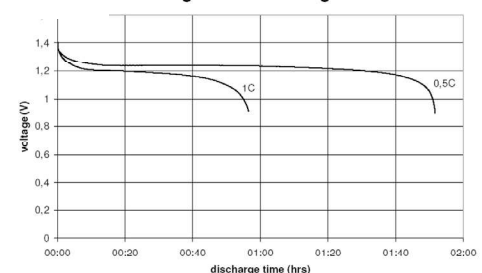
fast charge



low rate discharge



high rate discharge



QCT1: 10/8300/25
QCT2: 12/8000/30

mechanical specifications

cell dimensions			
diameter d1:	approx.	33.0 - 0.8 mm	
diameter d2:		12.5 mm	
height h1:		61.0 - 1.5 mm	
height h2:		0.0 - 0.5 mm	
weight:		160 ± 5 g	

