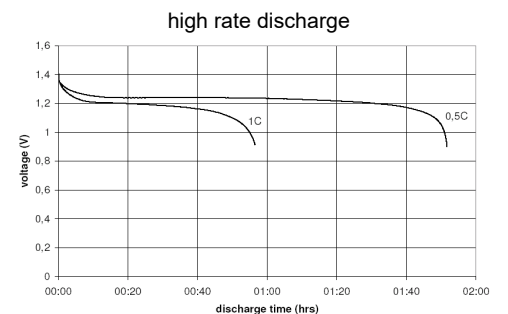
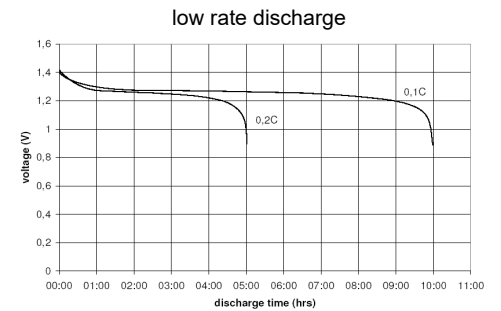
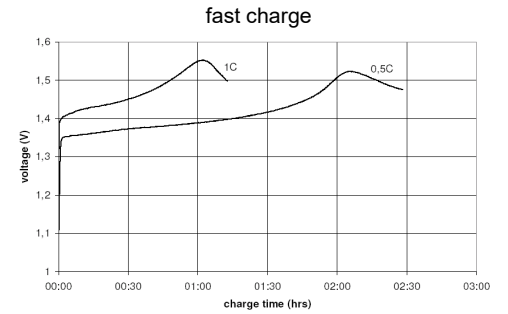
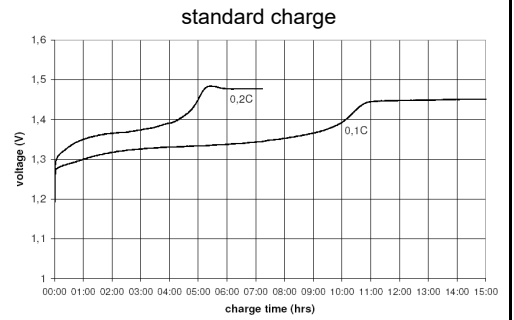


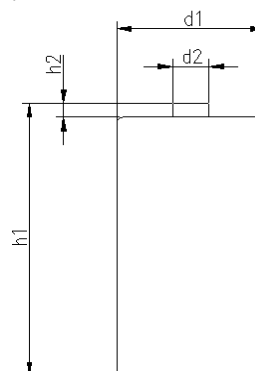
		Conditions	
cell type:	NiMH		
cell size:	D		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	8500 mAh	discharge at 0.2C	
minimum:	8500 mAh	discharge at 0.2C	
	8000 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	8500 mA	ta: 0...45°C	
charge	current	time	
standard charge:	850 mA	14...16hrs	
quick charge:	1700 mA	6hrs	
fast charge:	3400 mA	3hrs	
recommended charge termination control parameters:	0...5 mV	- ΔV (-deltaV)	
	0.8...1 °C	temperature rise per minute	
	45...50 °C	TCO (temperature cut off)	
trickle charge current:	50...250 mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 850 mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 20 mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention:	≥ 80 %	after 12 months storage at 20°C	
initial capacity:	≥ 5500 mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C	standard charge	
	10...40 °C	fast charge	
	- 20...65 °C	discharge	
	- 20...50 °C	storage (≤3months)	
	- 20...40 °C	storage (≤6months)	
	- 20...30 °C	storage (≤24months)	
QCT1:	20/8000/15		
QCT2:	30/7800/15		

Diagrams



mechanical specifications

cell dimensions			
diameter d1:		32.8 - 1.0	mm
diameter d2:	max.	9.5	mm
height h1:		61.5 - 2.0	mm
height h2:	min.	1.5	mm
weight:		136 ± 5	g



	ANSMANN Specifications for model:	NiMH Battery
		D - 8500mAh low self discharge
	data sheet no. / part no.	
	supplier no.	702069
	author / date	TG / 18.12.2018