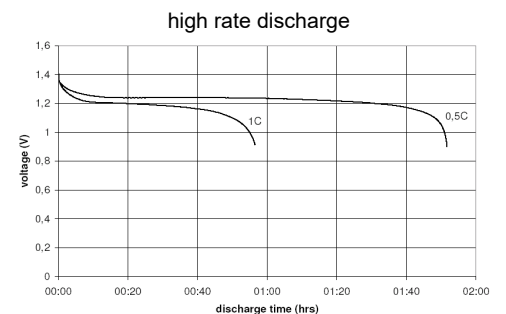
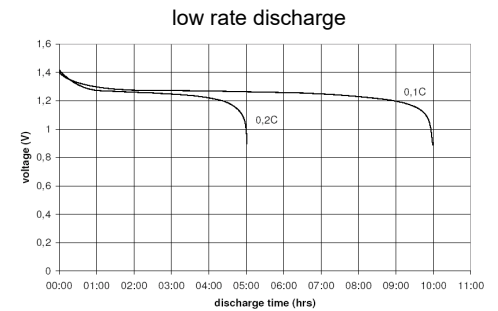
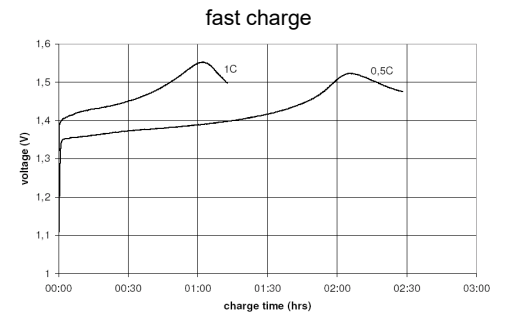
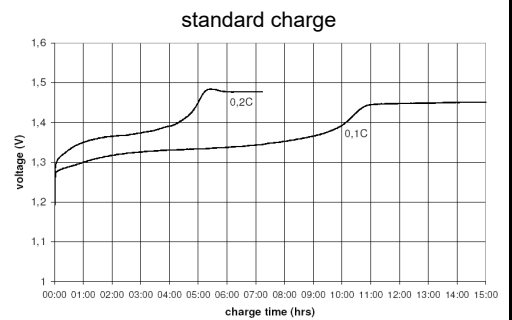


		Conditions		Diagrams
cell type:		NiMH		
cell size:		AAA		
nominal voltage:	1.2	V		
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)	
capacity				
nominal:	550	mAh	discharge at 0.2C	
minimum:	550	mAh	discharge at 0.2C	
	500	mAh	discharge at 1C	
			1.0V end discharge voltage	
			ta: 20°C	
max. continuous discharge current:	1650	mA	ta: 0...45°C	
charge				
standard charge:	55	mA	14....16hrs	
quick charge:	170	mA	4hrs	
fast charge:	550	mA	1.1hrs	
recommended charge	0...5	mV	- ΔV (-deltaV)	
termination control	0.8...1	°C	temperature rise per minute	
parameters:	45...50	°C	TCO (temperature cut off)	
trickle charge current:	5...15	mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 55	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 70	mΩ	at 1KHz battery fully charged	
life expectance:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 75	%	after 12 months storage at 20°C	
initial capacity:	≥ 400	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)	

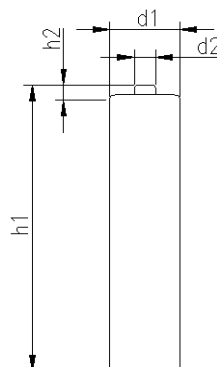


QCT1: 20/500/50
QCT2: 30/450/55

mechanical specifications

cell dimensions

diameter d1:	10.3 - 0.7	mm
diameter d2:	max. 3.8	mm
height h1:	44.5 - 1.5	mm
height h2:	min. 0.8	mm
weight:	12.5 ± 2	g



	ANSMANN Specifications for model:	NiMH Battery
		AAA - 550mAh low self discharge
	data sheet no. / part no.	
	supplier no.	704271
	author / date	TG / 31.07.2018