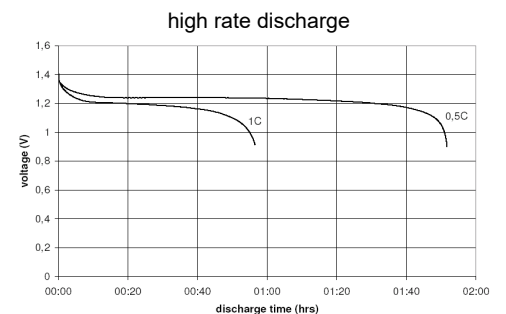
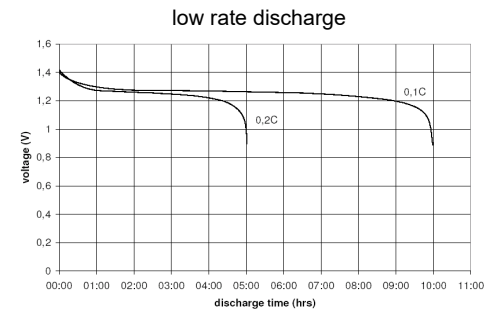
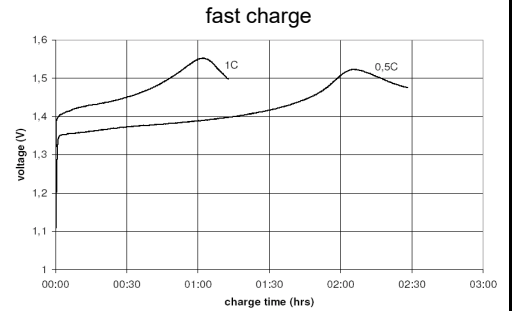
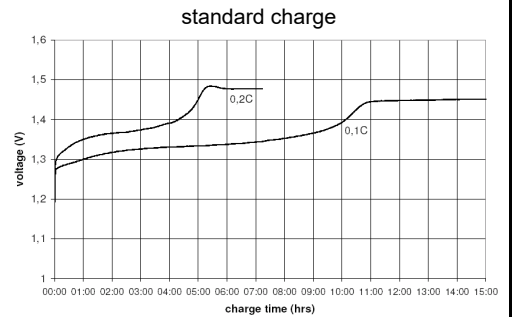


		Conditions	Diagrams
cell type:	NiMH		
cell size:	AAA		
nominal voltage:	1.2 V		
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)	
capacity			
nominal:	1000 mAh	discharge at 0.2C	
minimum:	950 mAh	discharge at 0.2C	
	840 mAh	discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	2000 mA	ta: 0...45°C	
charge			
standard charge:	current 100 mA	time 14....16hrs	
quick charge:	300 mA	4hrs	
fast charge:	500 mA	2.3hrs	
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:	5...15 mA	(recommended)	
continuous overcharge:	≤ 95 mA	no conspicuous deformation	
(less than 1 year)		no leakage	
internal resistance:	≤ 40 mΩ	at 1KHz	
(impedance)		battery fully charged	
life expectance:	≥ 500 cycles	acc. IEC standard	
self discharge			
charge retention:	≥ 75 %	after 12 months storage at 20°C	
initial capacity:	≥ 650 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)	

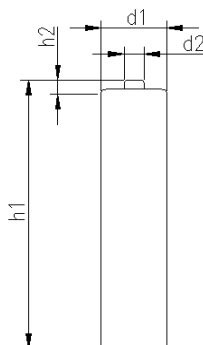


QCT1: 20/900/45
QCT2: 30/780/50

mechanical specifications

cell dimensions

diameter d1:	10.5 - 0.7	mm
diameter d2:	max. 3.8	mm
height h1:	44.5 - 1.5	mm
height h2:	min. 0.8	mm
weight:	13 ± 2	g



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ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

NiMH Battery
AAA 1000mAh low self discharge

701372

TG / 01.08.2018