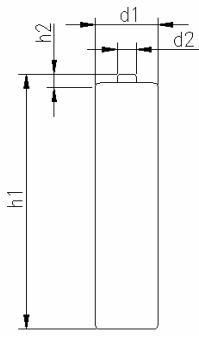


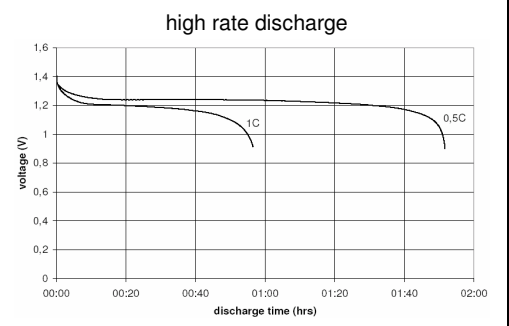
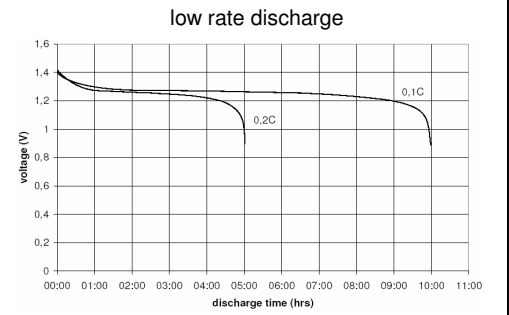
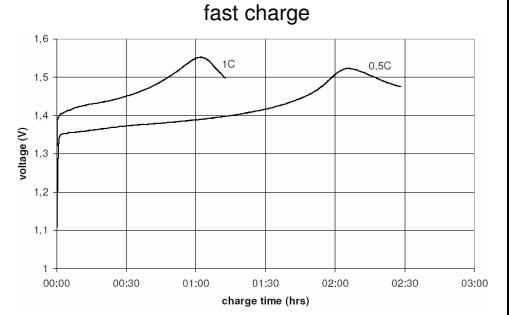
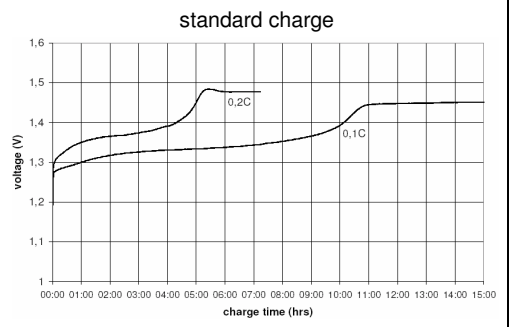
		Conditions	
<b>cell type:</b>		NiMH	
<b>cell size:</b>		AAA	
<b>nominal voltage:</b>	1.2	V	
<b>max. charge voltage:</b>	1.5	V	at standard charge (0.1C / 20°C)
<b>capacity</b>			
nominal:	800	mAh	discharge at 0.2C
minimum:	730	mAh	discharge at 0.2C
	650	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20°C
<b>max. continuous discharge current:</b>	1600	mA	ta: 0...45°C
<b>charge</b>			
standard charge:	80	mA	14....16hrs
quick charge:	250	mA	4hrs
fast charge:	800	mA	1.1hrs
recommended charge termination control parameters:	5...10	mV	- delta V
	0.8...1	°C	temperature rise per minute
	45...50	°C	TCO (temperature cut off)
trickle charge current:	8...30	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 73	mA	no conspicuous deformation no leakage
<b>internal resistance:</b> (impedance)	≤ 45	mΩ	at 1KHz battery fully charged
<b>life expectancy:</b>	≥ 500	cycles	acc. IEC standard
<b>self discharge</b>			
charge retention:	≥ 75	%	after 12 months storage at 20°C
<b>initial capacity:</b>	≥ 550	mAh	within 30 days after delivery discharge at 0.2C
<b>ambient temperature range:</b>	0...45	°C	standard charge
	10...40	°C	fast charge
	- 20...65	°C	discharge (≤1.0C)
	0...45	°C	discharge (>1.0C)
	- 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	- 0.7 mm
diameter d2:	max.	3.8	mm
height h1:		44.5	- 1.5 mm
height h2:	min.	0.8	mm
weight:		13	± 2 g
blister card dimensions:		123	x 85 mm
blister card weight (incl. batteries):		56	g



**Diagrams**



<b>ANSMANN Specifications for model:</b>	<b>AAA - 800mAh low self discharge 4pcs blister package</b>
data sheet no. / part no.	5035042
version no.	0
author / date	Gramlich / 29.01.2009

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice