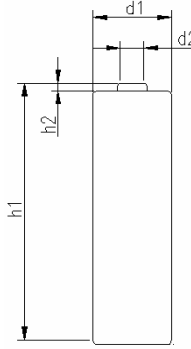
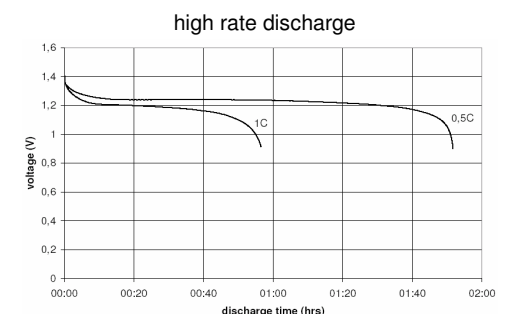
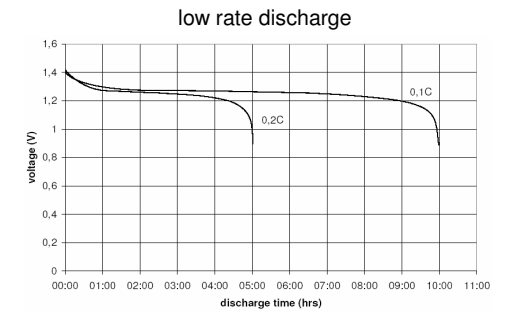
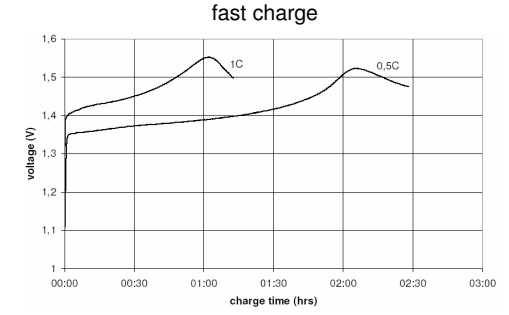
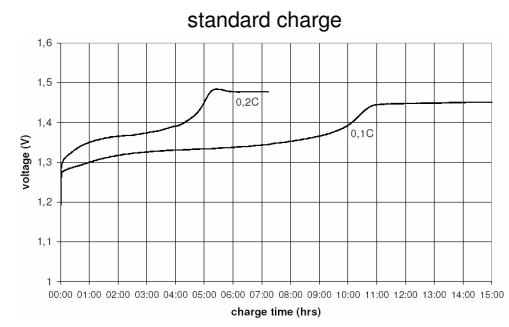


		Conditions	
cell type:		NiMH	
cell size:		AA	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	at standard charge (0.1C / 20 °C)
capacity			
nominal:	2500	mAh	discharge at 0.2C
minimum:	2300	mAh	discharge at 0.2C
	2100	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20 °C
max. continuous discharge current:	5000	mA	ta: 0...45 °C
charge			
standard charge:	250	mA	14....16hrs
quick charge:	700	mA	4hrs
fast charge:	1400	mA	2hrs
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:	21...75	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 200	mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 30	mΩ	at 1KHz battery fully charged
life expectancy:	≥ 500	cycles	acc. IEC standard
self discharge			
charge retention:	≥ 75	%	after 12 months storage at 20 °C
initial capacity:	≥ 1700	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 (≤1.0C)
	0...45	°C	discharge (>1.0C)
	- 20...50	°C	storage (≤3months)
	- 20...40	°C	storage (≤6months)
	- 20...30	°C	storage (≤24months)
QCT1:	20/2150/35		
QCT2:	30/1950/40		

mechanical specifications			
cell dimensions (incl. label)			
diameter d1:		14.3	- 0.5 mm
diameter d2:	max.	5.5	mm
height h1:		50.3	- 0.5 mm
height h2:	min.	1.2	mm
weight:		30	± 2 g
blister card dimensions:		123 x 85	mm
blister card weight (incl. batteries):		125	g



Diagrams



	ANSMANN Specifications for model:	AA - 2500mAh low self discharge 4pcs blister package
	data sheet no. / part no.	5035442
	version no.	0
	author / date	Gramlich / 19.08.2009

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