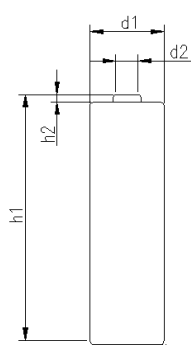
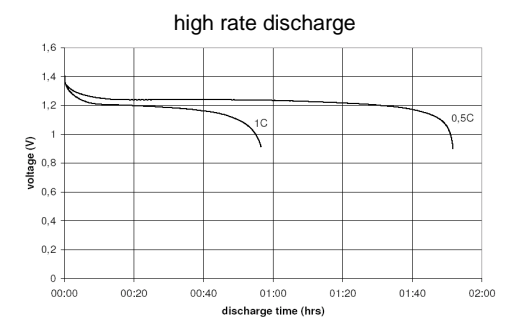
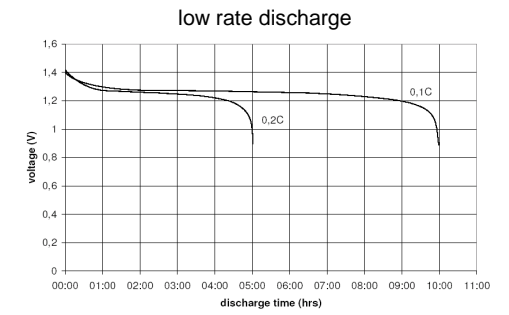
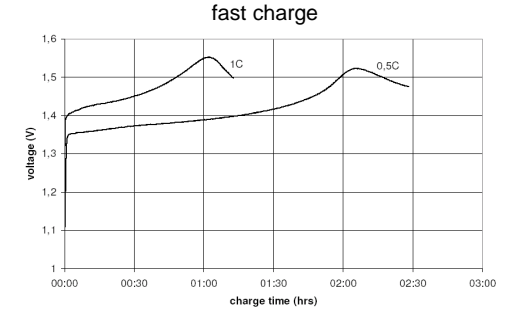
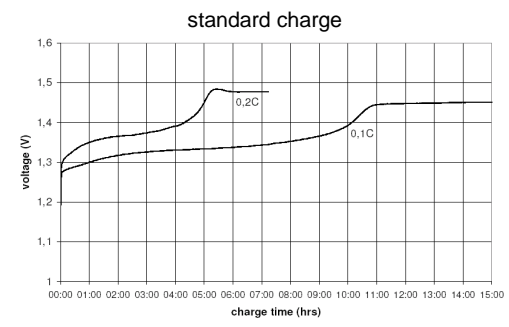


		Conditions	
cell type:		NiMH	
cell size:		AA	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	
		at standard charge (0.1C / 20°C)	
capacity			
nominal:	2100	mAh	
minimum:	2100	mAh	
	2000	mAh	
		discharge at 0.2C	
		discharge at 0.2C	
		discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	5000	mA	
		ta: 0...45°C	
charge		current	time
standard charge:	210	mA 14....16hrs	
quick charge:	600	mA 4hrs	
fast charge:	2100	mA 1.1hrs	
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:	10...40	mA (recommended)	
continuous overcharge: (less than 1 year)	≤ 200	mA no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 35	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:	≥ 1400	mAh within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45	°C standard charge	
	10...40	°C fast charge	
	0...45	°C discharge (≥1C)	
	- 20...65	°C discharge (<1C)	
	- 20...50	°C storage (≤3months)	
	- 20...40	°C storage (≤6months)	
	- 20...30	°C storage (≤24months)	
QCT1:	20/2050/35		
QCT2:	30/1950/40		

mechanical specifications			
cell dimensions			
diameter d1:		14.4 - 0.7	mm
diameter d2:	max.	5.5	mm
height h1:		50.5 - 0.5	mm
height h2:	min.	1.2	mm
weight:		28 ± 2	g
blister card dimensions:		123 x 85	mm
blister card weight (incl. batteries):		120	g



Diagrams



	ANSMANN Specifications for model:	AA - 2100mAh low self discharge 4pcs blister package
	data sheet no. / part no.	5035052
	supplier no.	702069
	author / date	Gramlich / 14.02.2012

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