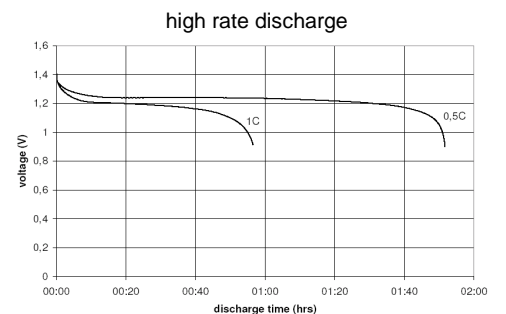
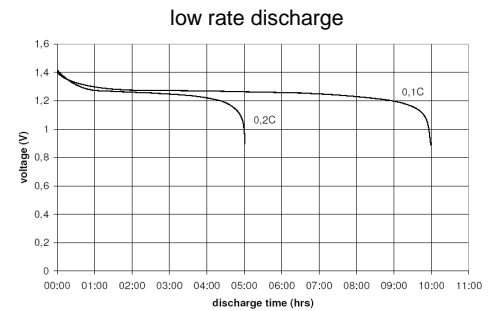
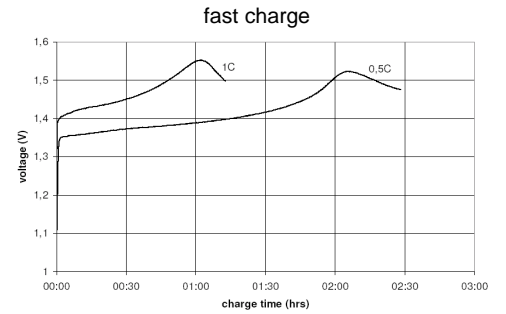
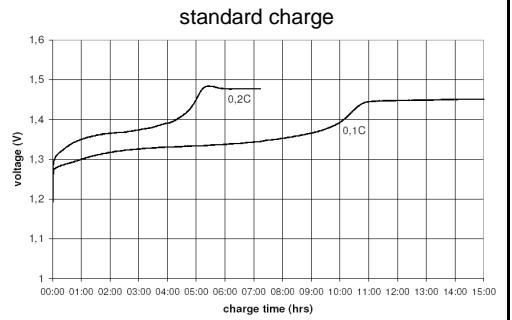


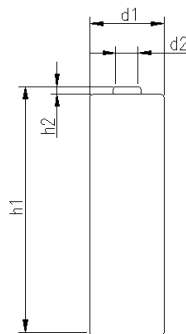
		Conditions	
<b>cell type:</b>		NiMH	
<b>cell size:</b>		AA	
<b>nominal voltage:</b>	1.2	V	
<b>max. charge voltage:</b>	1.5	V at standard charge (0.1C / 20°C)	
<b>capacity</b>			
nominal:	1300	mAh discharge at 0.2C	
minimum:	1300	mAh discharge at 0.2C	
	1200	mAh discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
<b>max. continuous discharge current:</b>	3900	mA ta: 0...45°C	
<b>charge</b>		current	time
standard charge:	130	mA 14....16hrs	
quick charge:	390	mA 4hrs	
fast charge:	1300	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...30	mA (recommended)	
continuous overcharge: (less than 1 year)	≤ 130	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:	≥ 80	% after 12 months storage at 20°C	
<b>initial capacity:</b>	≥ 900	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	
	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)	
<b>QCT1:</b>	20/1250/45		
<b>QCT2:</b>	30/1150/50		

### Diagrams



### mechanical specifications

cell dimensions			
diameter d1:		14.3 - 0.7	mm
diameter d2:	max.	5.5	mm
height h1:		50.4 - 0.5	mm
height h2:	min.	1.2	mm
weight:		23 ± 2	g



	<b>ANSMANN Specifications for model:</b>	<b>AA - 1300mAh low self discharge bulk package</b>
	data sheet no. / part no.	5030791
	supplier no.	702069
	author / date	Gramlich / 13.02.2012