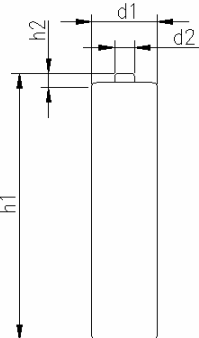
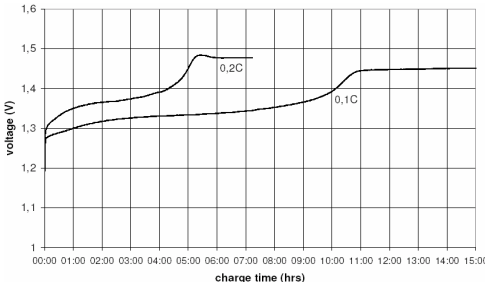
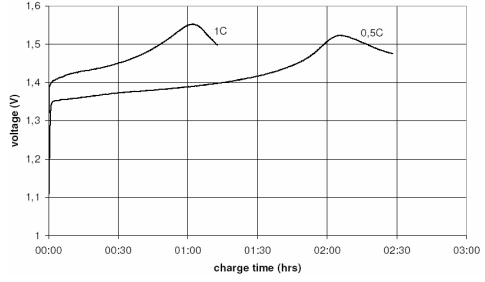
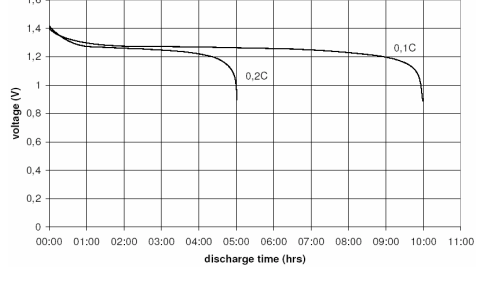
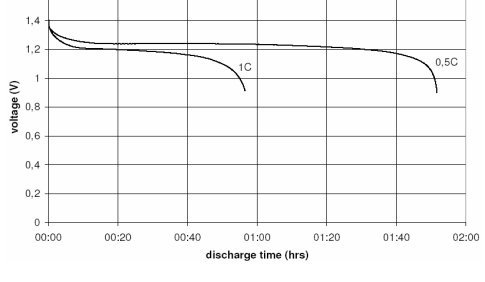


			Conditions	Diagrams
cell type:	NiMH			
cell size:	AAA			
nominal voltage:	1.2	V		
max. charge voltage:	1.45	V	at standard charge (0.1C / 20 °C)	
capacity				
nominal:	800	mAh	discharge at 0.2C	
minimum:	730	mAh	discharge at 0.2C	
	650	mAh	discharge at 1C	
			1.0V end discharge voltage	
			ta: 20 °C	
max. continuous discharge current:	1600	mA	ta: 0...45 °C	
charge				
standard charge:	80	mA	14....16hrs	
quick charge:	250	mA	4hrs	
fast charge:	800	mA	1.1hrs	
recommended charge	5...10	mV	- delta V	
termination control	0.8...1	°C	temperature rise per minute	
parameters:	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	
internal resistance: (impedance)	≤ 45	mΩ	at 1KHz battery fully charged	
life expectance:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 60	%	after 28 days storage at 20 °C	
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 (≤1 month)	
	- 20...40	°C	storage (≤3months)	
	- 20...30	°C	storage (≤12months)	
QCT1:	20/700/50			
QCT2:	30/600/55			
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:	12	± 2	g	
blister card dimensions:	123	x 85	mm	
blister card weight (incl. batteries):	55		g	
				   

	ANSMANN Specifications for model:	AAA - 800mAh
	data sheet no. / part no.	5030012
	version no.	0
	author / date	Gramlich / 03.03.2009