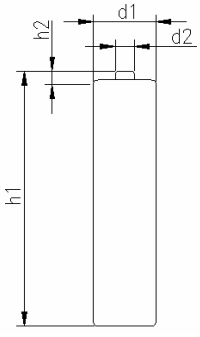
			Conditions
cell type:		NiMH	
cell size:		AAA	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	at standard charge (0.1C / 20℃)
capacity			
nominal:	820	mAh	discharge at 0.2C
minimum:	800	mAh	discharge at 0.2C
	760	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20℃
max. continuous discharge current:	1600	mA	ta: 0....45℃
charge	current		time
standard charge:	80	mA	14....16hrs
quick charge:	250	mA	4hrs
fast charge:	800	mA	1.1hrs
recommended charge termination control parameters:	0…5	mV	- delta V
	0.8...1	℃	temperature rise per minute
	45...50	℃	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)	≤ 40	mΩ	at 1KHz battery fully charged
life expectance:	≥ 300	cycles	acc. IEC standard
self discharge charge retention:	≥ 75	%	after 12 months storage at 20℃
initial capacity:	≥ 550	mAh	within 30 days after delivery discharge at 0.2C
ambient temperature range:	0...45	℃	standard charge
	10...40	℃	fast charge
	- 20...65	℃	discharge (≤1.0C)
	0...45	℃	discharge (>1.0C)
	- 20...50	℃	storage (≤3months)
	- 20...40	℃	storage (≤6months)
	- 20...30	℃	storage (≤24months)
QCT1:	20/700/50		
QCT2:	30/600/50		

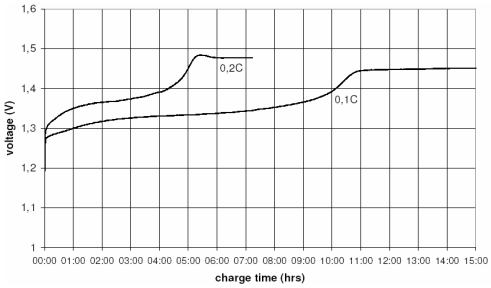
mechanical specifications

cell dimensions (incl. label)				
diameter d1:		10.5	- 0.3	mm
diameter d2:	max.	xx		mm
height h1:		44.5	- 1.5	mm
height h2:	min.	xx		mm
weight:		12	± 2	g

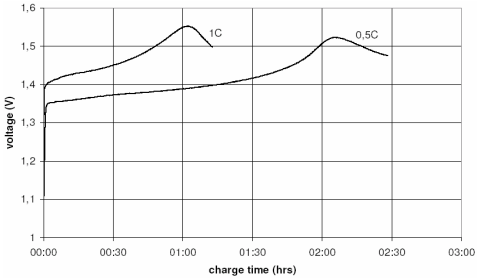


Diagrams

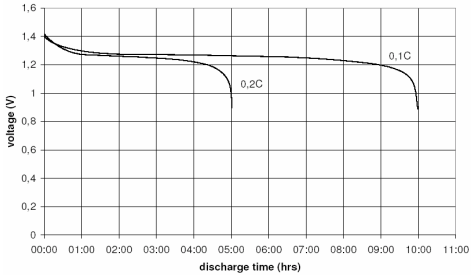
standard charge



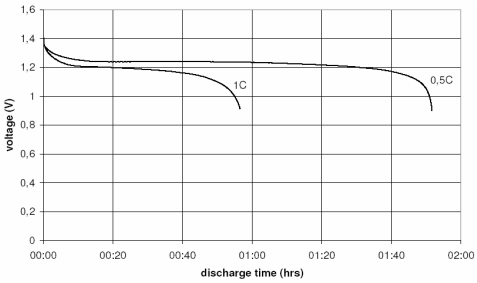
fast charge



low rate discharge



high rate discharge



ANSMANN®	**ANSMANN Specifications for model:**	**AAA -800mAh low self discharge flat top in plastic bag with Z tags**
	data sheet no. / part no.	2311-3003
	version no.	V0
	author / date	Eisenreich/ 17.01.2011