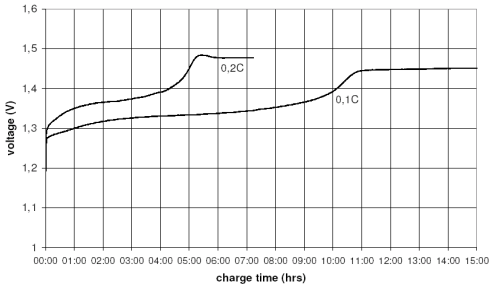
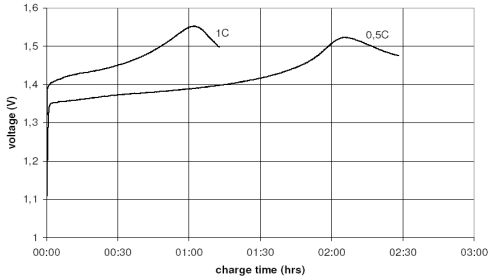
			Conditions
cell type:	NiMH		
cell size:	AAA		
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)
capacity			
nominal:	1000	mAh	discharge at 0.2C
minimum:	950	mAh	discharge at 0.2C
	840	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20°C
max. continuous discharge current:	2000	mA	ta: 0....45°C
charge	current		time
standard charge:	95	mA	14....16hrs
quick charge:	300	mA	4hrs
fast charge:	500	mA	2.3hrs
recommended charge termination control parameters:	0...5	mV	- delta V
	0.8...1	°C	temperature rise per minute
	45...50	°C	TCO (temperature cut off)
trickle charge current:	5…15	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 95	mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 40	mΩ	at 1KHz battery fully charged
life expectance:	≥ 500	cycles	acc. IEC standard
self discharge charge retention:	≥ 75	%	after 12 months storage at 20°C
initial capacity:	≥ 650	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
	- 20...50	°C	storage (≤3months)
	- 20...40	°C	storage (≤6months)
	- 20...30	°C	storage (≤24months)

Diagrams

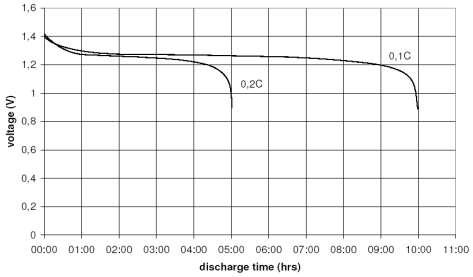
standard charge



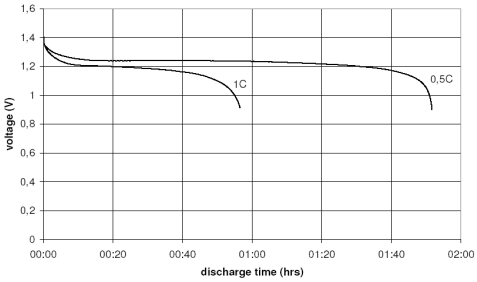
fast charge



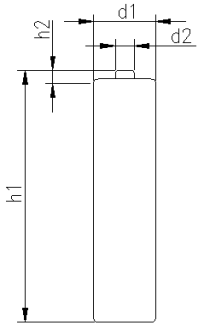
low rate discharge



high rate discharge



QCT1:	20/900/45		
QCT2:	30/780/50		
mechanical specifications			
cell dimensions			
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:	13 ± 2		g



ANSMANN®	**ANSMANN Specifications for model:**	**NiMH Battery AAA - 1000mAh low self discharge**
	data sheet no. / part no.	
	s.n.	702069
	author / date	TG / 29.04.2022