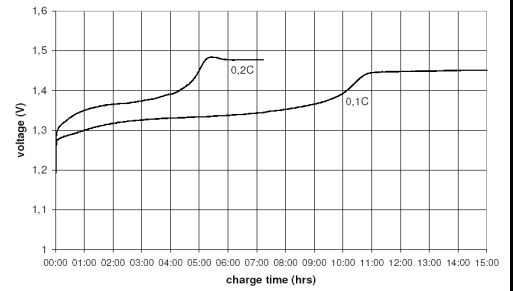


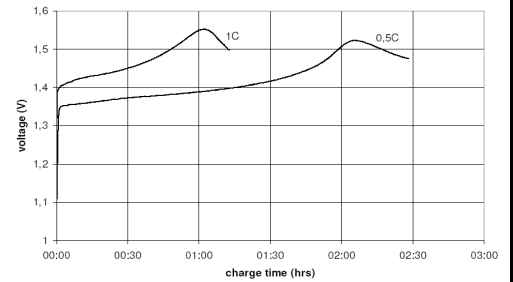
cell type:	NiMH	Conditions
cell size:	AAA	
nominal voltage:	1.2 V	
max. charge voltage:	1.5 V	at standard charge (0.1C / 20°C)
capacity		
nominal:	1100 mAh	discharge at 0.2C
minimum:	1050 mAh	discharge at 0.2C
	1000 mAh	discharge at 1C
		1.0V end discharge voltage
		ta: 20°C
max. continuous discharge current:	3000 mA	ta: 0...45°C
charge		
standard charge:	current 110 mA	time 14....16hrs
quick charge:	330 mA	4hrs
fast charge:	1100 mA	1.1hrs
recommended charge termination control parameters:	0...5 mV 0.8...1 °C 45...50 °C	-ΔV (-delta V) temperature rise per minute TCO (temperature cut off)
trickle charge current:	10...50 mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 100 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:	≥ 60 %	after 28 days storage at 20°C
initial capacity:	≥ 380 mAh	within 30 days after delivery discharge at 0.2C
ambient temperature range:	0...45 °C 10...40 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C	standard charge fast charge discharge storage (≤1month) storage (≤3months) storage (≤12months)
QCT1:	20/1000/40	
QCT2:	30/950/50	

Diagrams

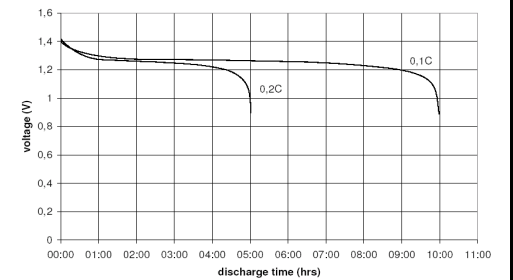
standard charge



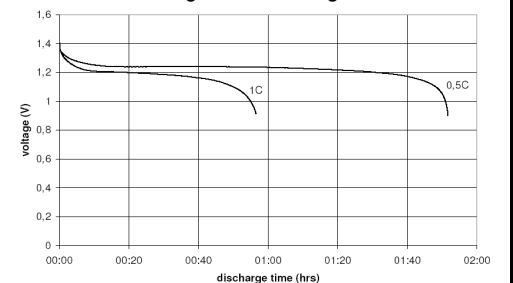
fast charge



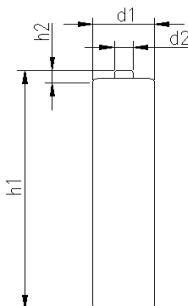
low rate discharge



high rate discharge



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:	13.5 ± 2	g
blister card dimensions:	123 x 85	mm
blister card weight (incl. batteries):	62	g



	ANSMANN Specifications for model:	AAA - 1100mAh
		4pcs blister package
	data sheet no. / part no.	5035232
	supplier no.	701372
	author / date	TG / 13.06.2018