

nominal voltage: 1,2V
max. charge voltage: 1,5V

capacity:
 nominal : 550mAh
 minimum: 450mAh
 400mAh

max. continuous discharge current: 1650mA

charge:

standard charge:	charge current	charge time
quick charge:	55mA	16hrs at 20 °C
fast charge:	150mA	4hrs
	550mA	1,1hrs

recommended charge
 termination control
 parameters:

-dV:	5....10mV
dT/dt:	0,8....1 °C per min
TCO:	45....50 °C

trickle charge current: 5....27,5mA (recommended)

continuous overcharge: ≤ 55mA
 (less than 1 year)

no conspicuous deformation,
 no leakage

internal resistance: ≤ 55mOhms
 at 1000Hz,
 battery fully charged

life expectancy: 500 cycles IEC standard

ambient temperature range: 0....45 °C
 10....40 °C
 -20....60 °C
 -20....35 °C

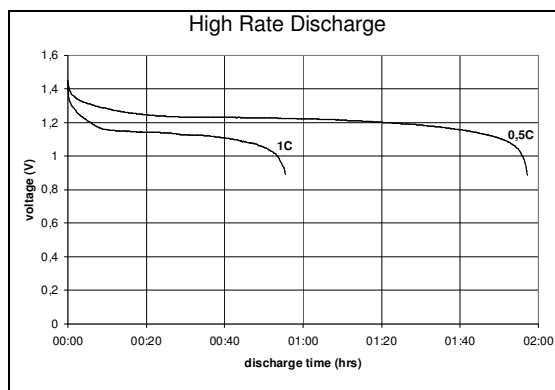
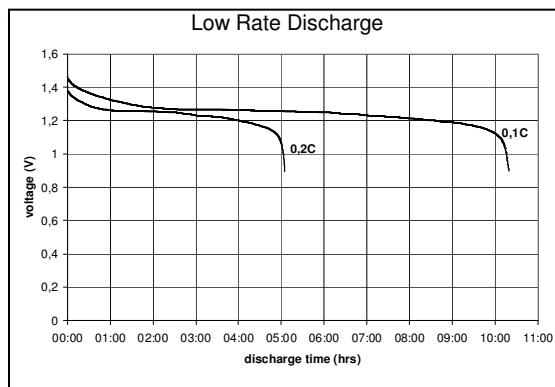
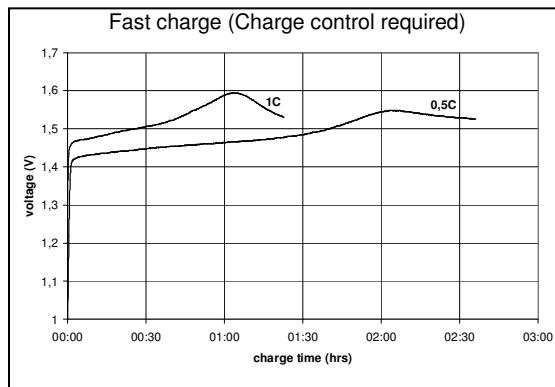
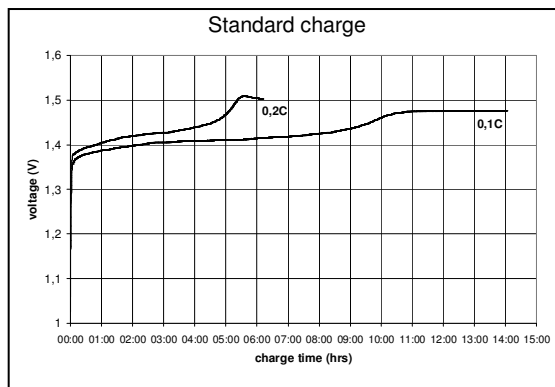
standard charge
 fast charge
 discharge
 storage less than 6 months

conditions

at standard charge
 (0,1C / 20 °C)

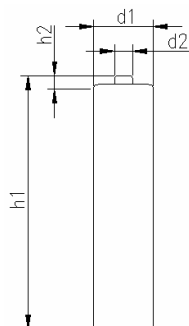
discharge at 0,2C
 discharge at 0,2C
 discharge at 1C
 1,0V end discharge voltage
 ambient temperature 20 °C

ambient temperature
 -20....60 °C



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 10,3-0,7mm
 diameter d2: 3,2+/-0,2mm
 height h1: 44,3-1,0mm
 height h2: min. 0,8mm
 weight: approx. 12g



	specifications for model/type:	AAA – NiMH 550mAh
		4 pcs blister packing
	Ansmann drawing number / part number:	5030772
	author / date:	Gramlich / 25.07.2007