

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

capacity:
 nominal : 800mAh
 minimum: 700mAh
 650mAh

recommended discharge current: ≤800mA

charge:

standard charge:
 fast charge:

charge current
 80mA
 800mA

charge time
 16hrs at 20 °C
 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: 8....40mA

(recommended)

continuous overcharge:
 (less than 1 year)

< 80mA

no conspicuous deformation,
 no leakage

internal resistance: ≤ 45mOhms

at 1000Hz,
 battery fully charged

life expectancy: 500 cycles

IEC standard

ambient temperature range:

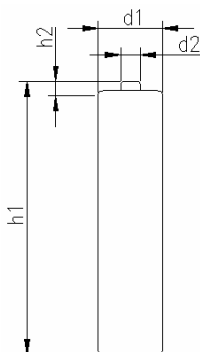
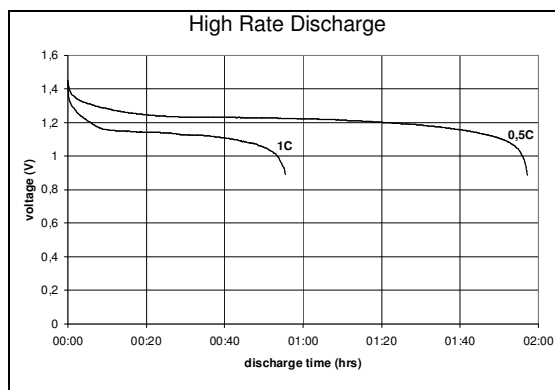
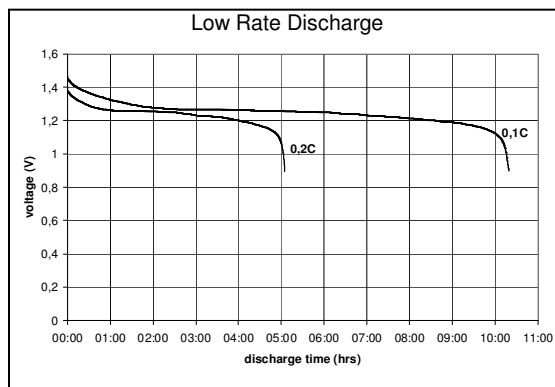
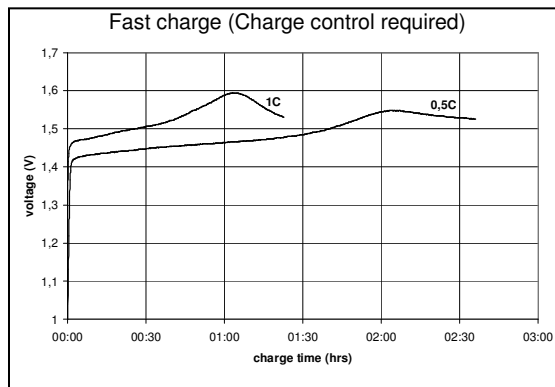
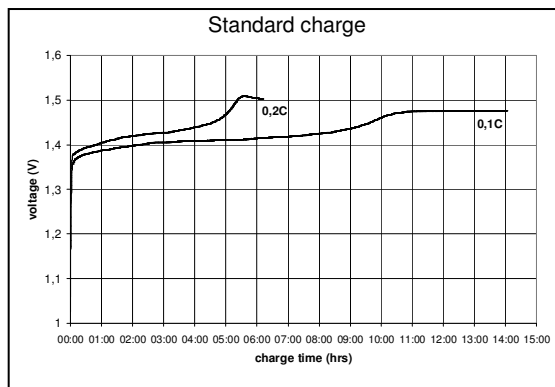
0....40 °C
 -20....65 °C
 -20....50 °C
 -20....40 °C
 -20....35 °C

standard charge
 discharge
 storage less than 30 days
 storage less than 3 months
 storage less than 1 year

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



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 10,5-0,7mm
 diameter d2: 3,8+/-0,2mm
 height h1: 44,5-1,0mm
 height h2: 1,5+0,5mm
 weight: approx. 12g

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specifications for model/type:

AAA – NiMH 800mAh

Ansmann drawing number / part number:

2 pcs blister packing

5030102

author / date:

Gramlich / 27.07.2007