

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

capacity
 nominal : 800mAh
 >700mAh
 minimal: 750mAh

max. continuous discharge current: 1600mA

charge
 standard charge: 80mA
 quick charge: 400mA
 fast charge: 800mA

charge current: 80mA
 charge time: 16hrs at 20°C
 2,5hrs
 1,2hrs

recommended charge
 termination control
 parameters:

-dV: 5....10mV
 dT/dt: 0,8....1°C per min
 TCO: 40...50°C

trickle charge current: 8....40mA (recommended)

continuous overcharge: ≤40mA
 (less than 1 year)

no conspicuous deformation,
 no leakage

internal resistance: ≤45mOhms
 at 1000Hz,
 battery fully charged

life expectancy: >500 cycles IEC standard

self discharge
 charge retention: >75%
 after 12months storage
 at 20°C

ambient temperature range: 0....45°C
 0....40°C
 -20....65°C
 -20....50°C
 -20....40°C
 -20....35°C

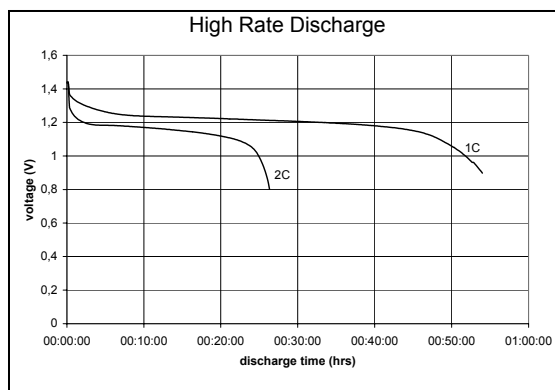
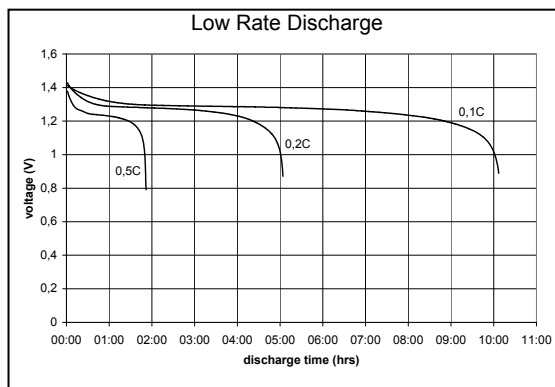
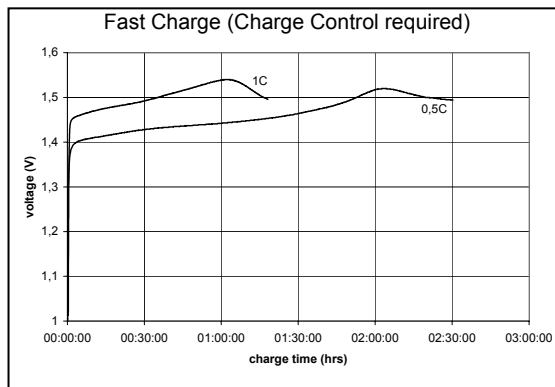
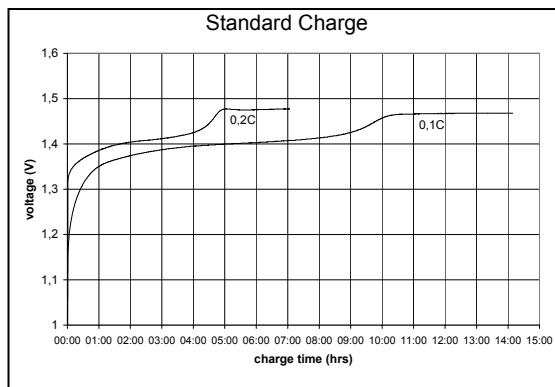
standard charge
 fast charge
 discharge
 storage less than 30 days
 storage less than 3 months
 storage less than 1 year

conditions

at standard charge
 (0,1C / 20°C)

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

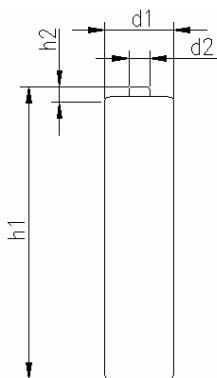
ambient temperature
 20....50°C



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 10,5 – 0,7mm
 diameter d2: max. 3,8mm
 height h1: 44,5 – 1,5mm
 height h2: min. 0,8mm
 weight: approx. 13g

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specifications for model/type: AAA – NiMH 800mAh Max e (2pcs)

low self discharge cell

Ansmann drawing number / part number: 5030982

drawn by / date: Gramlich / 13.09.2006