

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

capacity
 nominal : 2400mAh
 >2020mAh
 minimum: 2150mAh

max. continuous discharge current: 4600mA

charge
 standard charge: 240mA
 quick charge: 850mA
 fast charge: 2400mA

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

trickle charge current: 20....100mA (recommended)

continuous overcharge: ≤100mA (less than 1 year) no conspicuous deformation, no leakage

internal resistance: approx. 25mOhms at 1000Hz, battery fully charged

life expectancy: >500 cycles IEC standard

ambient temperature range: 0....45°C
 0....40°C
 0....50°C
 -20....50°C
 -20....40°C
 -20....30°C

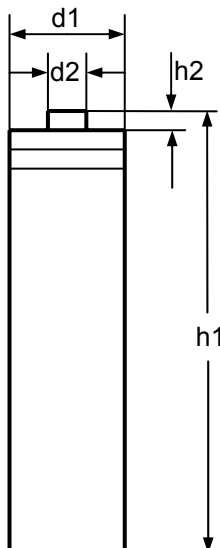
standard charge
 fast charge
 discharge
 storage less than 30 days
 storage less than 3 months
 storage less than 1 year

conditions

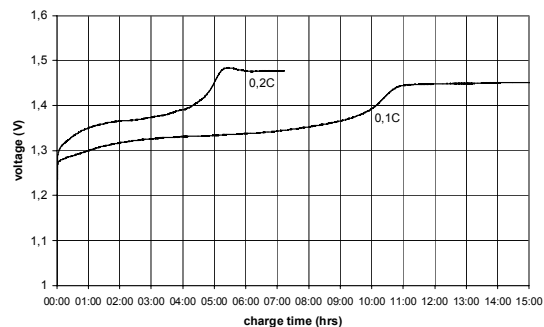
at standard charge
 (0,1C / 20°C)

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

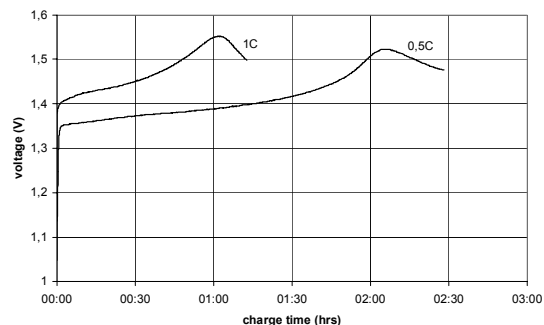
ambient temperature
 20....50°C



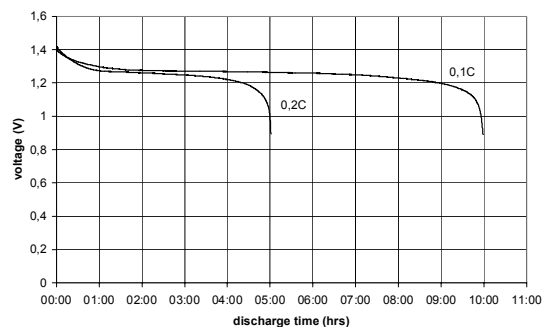
Standard Charge



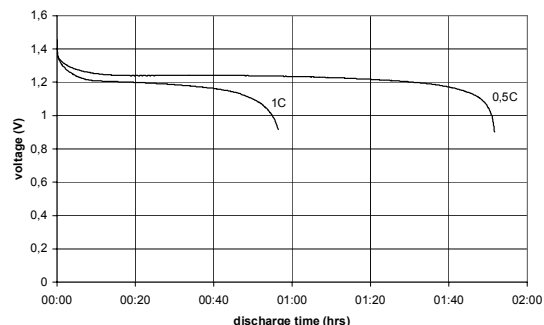
Fast Charge (Charge Control required)



Low Rate Discharge



High Rate Discharge



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 14,35-0,4mm
 diameter d2: 5,5-0,5mm
 height h1: 50,4-0,5mm
 height h2: 1,8+/-0,3mm
 weight: approx. 30g

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specifications for model/type:

AA – NiMH 2400mAh

Ansmann drawing number / part number:

5030531

drawn by / date:

Gramlich / 21.10.2004