

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

capacity
 nominal : 2200mAh
 >1780mAh
 minimal: 2100mAh

max. discharge current: 6300mA

charge
 standard charge: charge current 220mA charge time 15hrs at 20°C
 quick charge: 850mA 3hrs for empty battery
 fast charge: 2200mA 1,15hrs for empty battery

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

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

continuous overcharge: <200mA no conspicuous deformation,
 (less than 1 year) no leakage

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

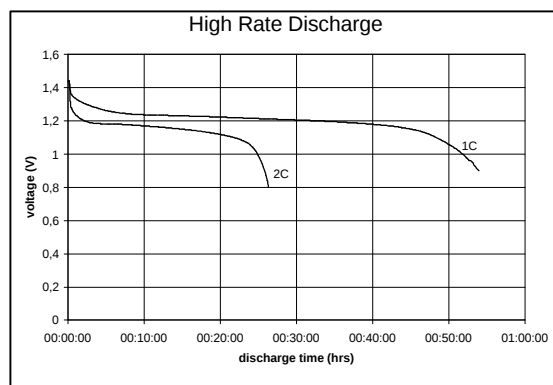
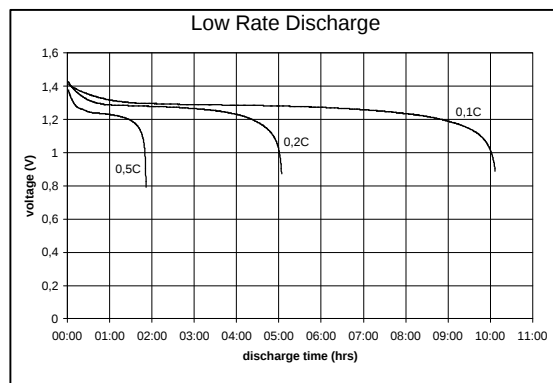
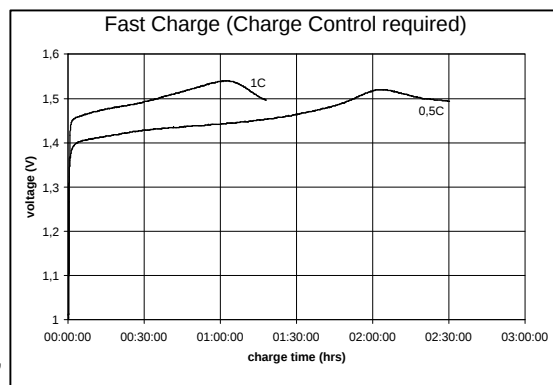
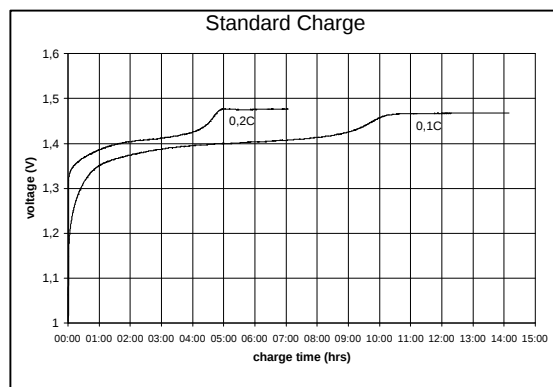
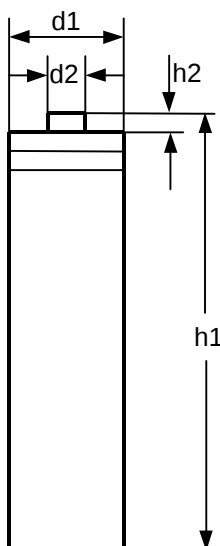
life expectancy: >500 cycles IEC standard

ambient temperature range: 0....40°C standard charge
 10....40°C fast charge
 0....50°C discharge
 -20....50°C storage less than 30 days
 -20....40°C storage less than 3 months
 -20....30°C 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



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 14,3-0,4mm
 diameter d2: 5,5-0,5mm
 height h1: 50,0+/-0,3mm
 height h2: 1,8+/-0,3mm
 weight: approx. 29g

16



specifications for model/type:

AA – NiMH 2200mAh

Ansmann drawing number / part number:

5030391

drawn by / date:

Gramlich / 28.02.2003