

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

conditions

at standard charge
 (0,1C / 20 °C)

capacity

nominal : 2500mAh
 minimum: 2400mAh
 2250mAh

discharge at 0,2C
 discharge at 0,2C
 discharge at 0,5C
 1,0V end discharge voltage
 ambient temperature 20 °C

max. continuous discharge current:

2500mA

ambient temperature
 -20....60 °C

charge

standard charge:
 rapid charge:

charge current
 250mA
 1250mA

charge time
 16hrs at 20 °C
 2,2hrs

recommended charge
 termination control
 parameters:

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

trickle charge current:

25....125mA

(recommended)

continuous overcharge:
 (less than 1 year)

≤ 250mA

no conspicuous deformation,
 no leakage

internal resistance:

≤ 30mOhms

at 1000Hz,
 battery fully charged

life expectancy:

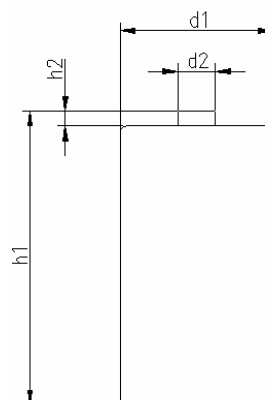
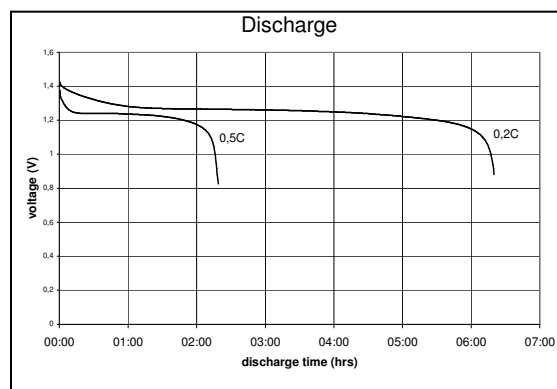
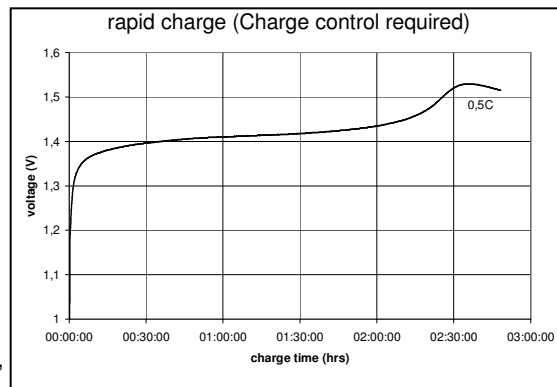
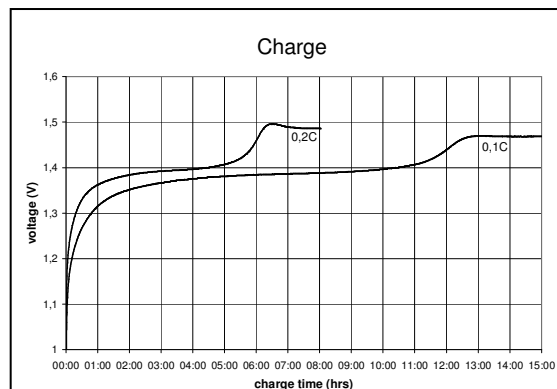
>500 cycles

IEC standard

ambient temperature range:

0....45 °C
 10....40 °C
 -20....60 °C
 -20....35 °C
 -20....45 °C

standard charge
 rapid charge
 discharge
 storage less than 6 months
 storage less than 1 month



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 25,8 – 1,0mm
 diameter d2: 7,5 - 2,5mm
 height h1: 50,0 - 1,0mm
 height h2: min. 1,5 mm
 weight: approx. 68g



specifications for model/type:

C – NiMH 2500mAh

Ansmann drawing number / part number:

5030912

author / date:

Gramlich / 25.07.2007