

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

capacity
 nominal : 2700mAh
 minimum: 2400mAh
 2250mAh

max. continuous discharge current: 2700mA
 ambient temperature 20....50 °C

charge
 standard charge: charge current 240mA charge time 14hrs at 20 °C
 quick charge: 525mA 5hrs
 fast charge: 2400mA 1,1hrs

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

internal resistance: ≤ 30mOhms at 1000Hz,
 battery fully charged

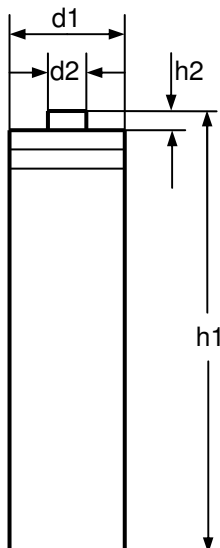
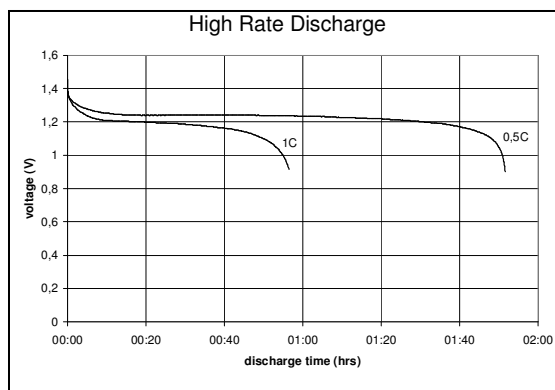
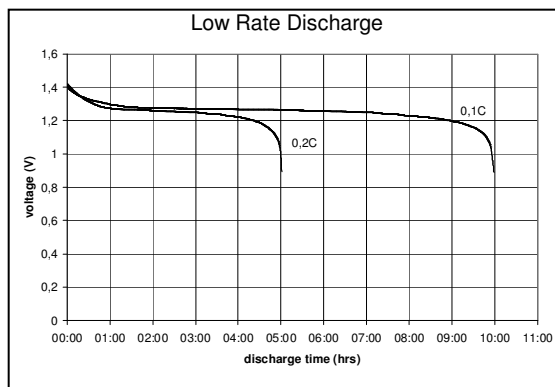
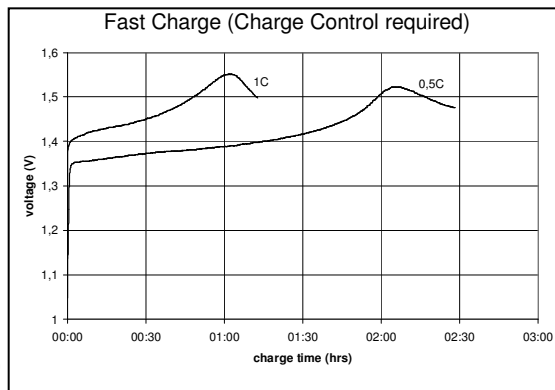
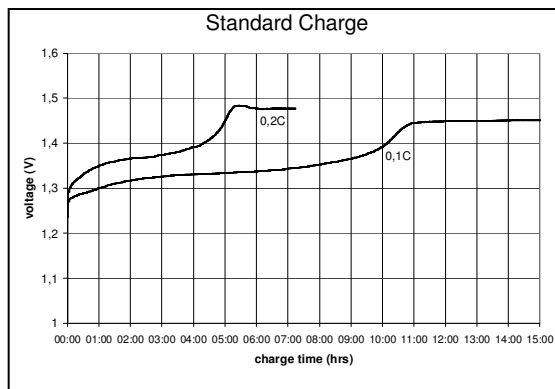
life expectancy: > 500 cycles IEC standard

ambient temperature range: 0....45 °C standard charge
 10....40 °C fast charge
 -20....50 °C discharge
 -20....55 °C storage less than 30 days
 -20....45 °C storage less than 3 months
 -20....35 °C 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
 diameter d1: 14,1 - 0,5mm
 diameter d2: 5,5 - 0,5mm
 height h1: 50,4 - 1,0mm
 height h2: 1,8 +/- 0,5mm
 weight: approx. 30g

51



specifications for model/type:

AA – NiMH 2850mAh

Ansmann drawing number / part number:

5035201

author / date:

Gramlich / 29.08.2007