

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

conditions

at standard charge
 (0,1C / 20 °C)

capacity:
 nominal : 800mAh
 minimum: 700mAh
 650mAh

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

**recommended
 discharge current:** ≤800mA

ambient temperature
 20....50 °C

charge:

standard charge: charge current 80mA charge time 16hrs at 20 °C
 fast charge: 800mA 1,1hrs

recommended charge -dV: 5....10mV
 termination control dT/dt: 0,8....1 °C per min
 parameters: TCO: 45....50 °C

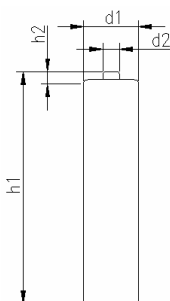
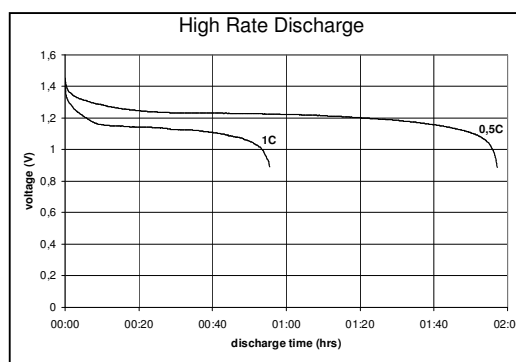
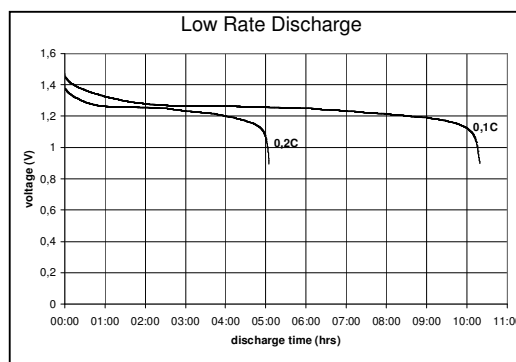
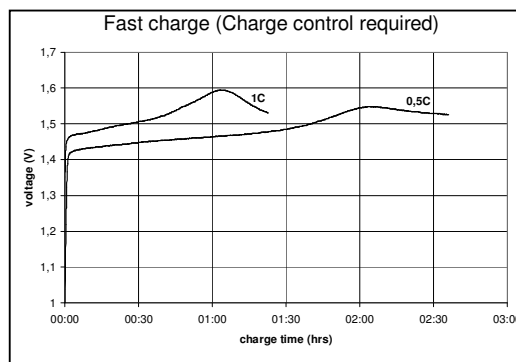
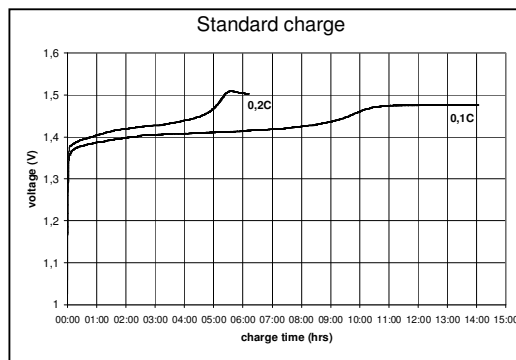
trickle charge current: 8....40mA (recommended)

continuous overcharge: < 80mA no conspicuous deformation,
 (less than 1 year) no leakage

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

life expectancy: 500 cycles IEC standard

**ambient temperature
 range:** 0....40 °C standard charge
 -20....65 °C discharge
 -20....50 °C storage less than 30 days
 -20....40 °C storage less than 3 months
 -20....35 °C storage less than 1 year



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: 1,8 – 1,0mm
 weight: approx. 12g

27



specifications for model/type:

AAA – NiMH 800mAh (DECT)

2pcs blister packing

Ansmann drawing number / part number:

5035332

author / date:

Gramlich / 07.03.2008