

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

**capacity**  
 nominal : 800mAh  
 minimal: 700mAh  
 650mAh

**max. discharge current:** 2400mA

**charge**  
 standard charge: 80mA  
 quick charge: 200mA  
 fast charge: 800mA

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

trickle charge current: 24....40mA (recommended)

continuous overcharge: < 80mA no conspicuous deformation,  
 (less than 28 days) no leakage

**internal resistance:** ≤ 60mOhms at 1000Hz,  
 battery fully charged

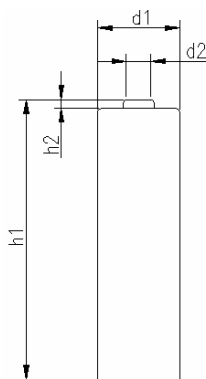
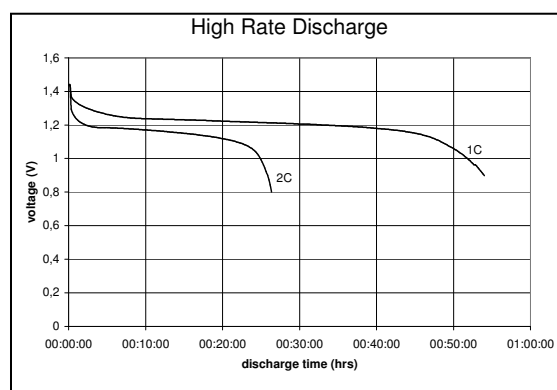
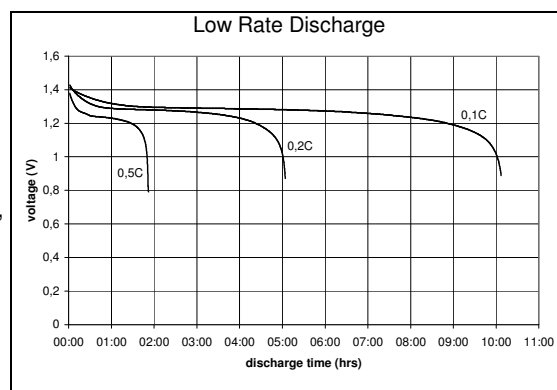
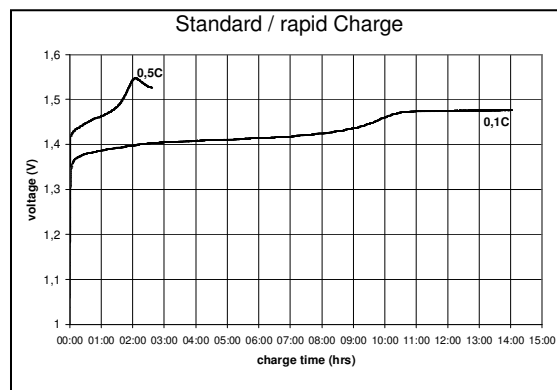
**life expectancy:** >500 cycles IEC standard

**ambient temperature range:** 0....45 °C standard charge  
 10....40 °C fast charge  
 -20....60 °C discharge  
 -20....35 °C storage (less than 6 month)

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 (with sleeve)  
 diameter d1: 14,3 - 0,7mm  
 diameter d2: 4,7 +/- 0,3mm  
 height h1: 50,3 - 1 mm  
 height h2: min.1mm  
 weight: approx. 20g



specifications for model / type: AA – NiMH 800mAh (DECT)

2 pcs blister packing

Ansmann drawing number / part number: 5030902

author / date: Gramlich / 27.07.2007