

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

**capacity**  
 nominal : 1300mAh  
 minimum: 1100mAh  
 1050mAh

**max. continuous discharge current:** 3900mA

**charge**  
 standard charge: 130mA  
 quick charge: 380mA  
 fast charge: 1300mA

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

**trickle charge current:** 13...65mA (recommended)

**continuous overcharge:** <130mA (less than 1 year)  
 no conspicuous deformation, no leakage

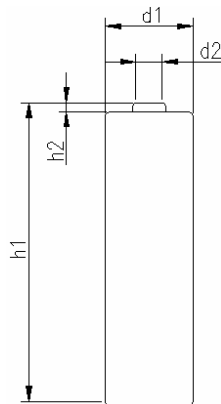
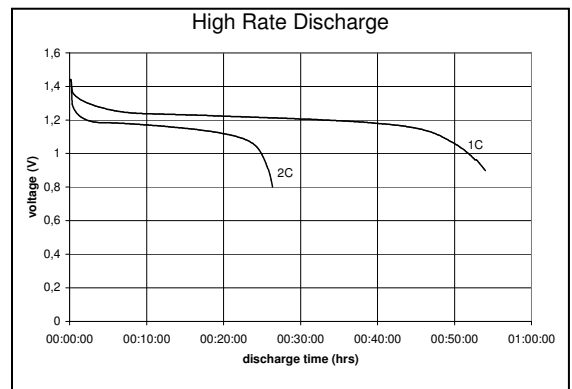
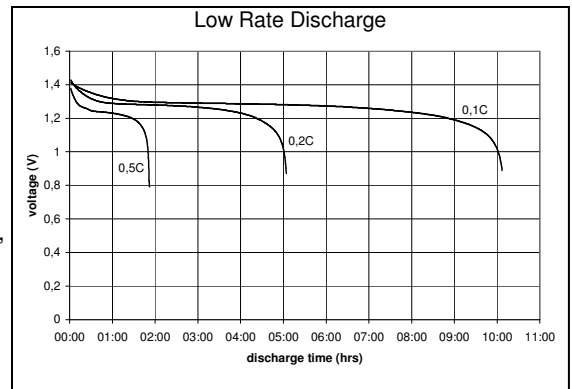
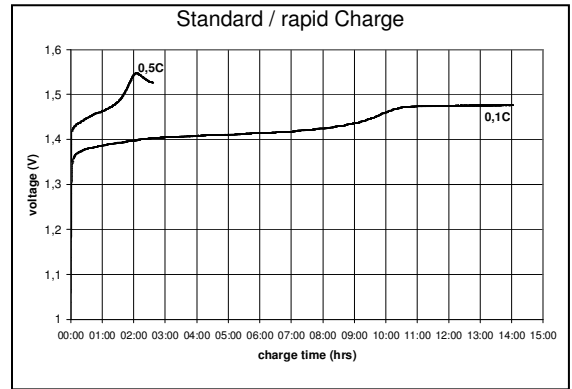
**internal resistance:** ≤30mOhms  
 at 1000Hz, battery fully charged

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

**ambient temperature range:** 0...45 °C  
 10...40 °C  
 -20...60 °C  
 -20...35 °C  
 -20...25 °C

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

charge current charge time  
 130mA 16hrs at 20 °C  
 380mA 4hrs  
 1300mA 1,1hrs



**mechanical specifications**

blister card  
 dimensions: 86 x 126mm  
 weight: 52g (incl. batteries)

cell dimensions (with sleeve)  
 diameter d1: 14,3 - 0,5mm  
 diameter d2: 5,5 - 1,0mm  
 height h1: 50,3 - 1,0mm  
 height h2: 1,5 ± 0,5mm  
 weight: approx. 24g

|  |                                       |                       |
|--|---------------------------------------|-----------------------|
|  | specifications for model/type:        | AA – NiMH 1300mAh     |
|  | Ansmann drawing number / part number: | 5030802               |
|  | author / date:                        | Gramlich / 21.05.2007 |
|  |                                       |                       |