

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

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

**max. continuous discharge current:** 3900mA  
 ambient temperature -20...60°C

**charge**  
 standard charge: charge current 130mA charge time 16hrs at 20°C  
 quick charge 380mA 4hrs  
 fast charge: 1300mA 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: 13...65mA (recommended)

continuous overcharge: <130mA no conspicuous deformation, no leakage

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

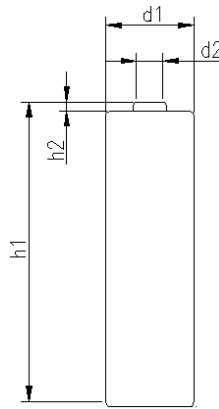
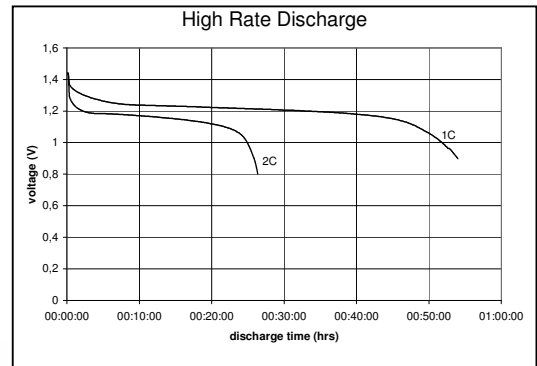
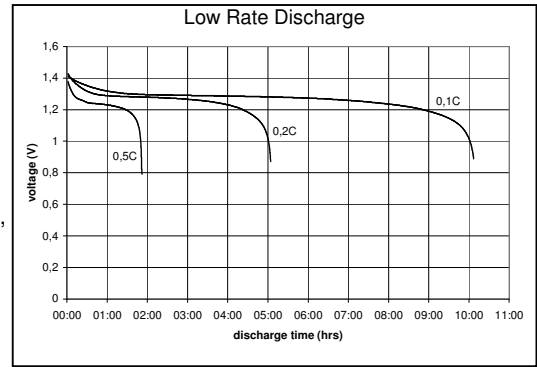
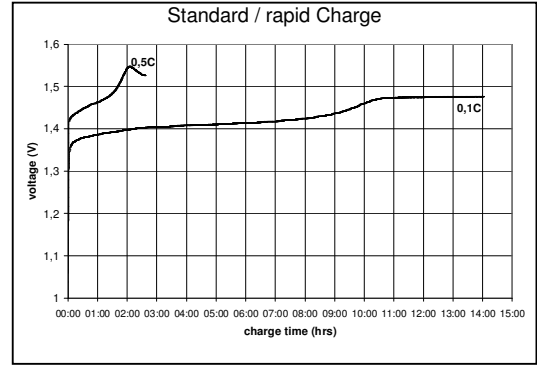
**life expectancy:** >500 cycles IEC standard

**ambient temperature range:** 0...45°C 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 - 0,5mm  
 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
		4 pcs blister packing
	Ansmann drawing number / part number:	5030792
	author / date:	Gramlich / 25.07.2007