

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

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

continuous overcharge: < 80mA (less than 28 days)

**internal resistance:** ≤ 60mOhms

**life expectancy:** >500 cycles

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

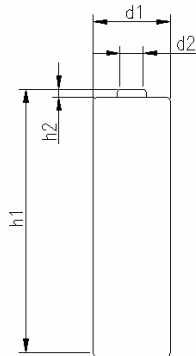
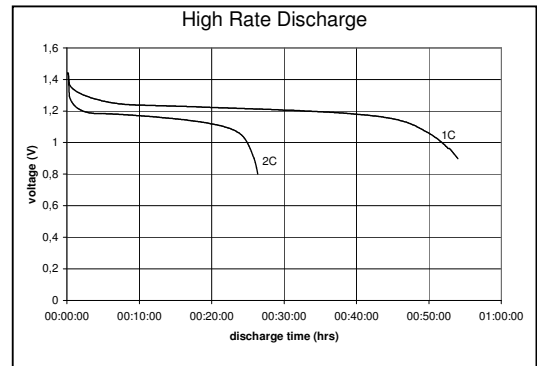
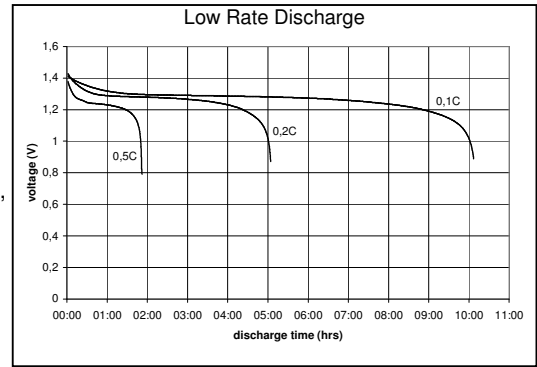
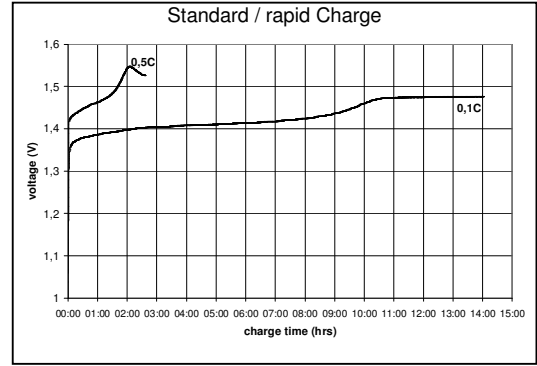
conditions  
 at standard charge (0,1C / 20°C)  
 discharge at 0,2C  
 discharge at 0,2C  
 discharge at 1C  
 1,0V end discharge voltage  
 ambient temperature 20°C

charge current charge time  
 standard charge: 15hrs at 20°C  
 quick charge: 5hrs  
 fast charge: 1,1hrs

at 1000Hz,  
 battery fully charged

IEC standard

standard charge  
 fast charge  
 discharge  
 storage (less than 6 month)



**mechanical specifications**  
 cell dimensions (with sleeve)  
 diameter d1: 14,3 - 0,7mm  
 diameter d2: 4,7+/- 0,3mm  
 height h1: 50,3 - 1mm  
 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