

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

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

**recommended discharge current:** ≤800mA

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

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

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

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

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

**life expectancy:** 500 cycles IEC standard

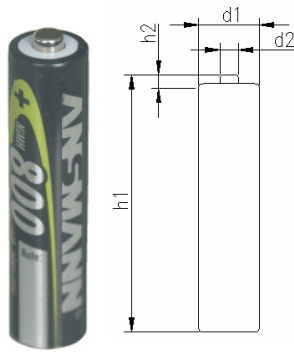
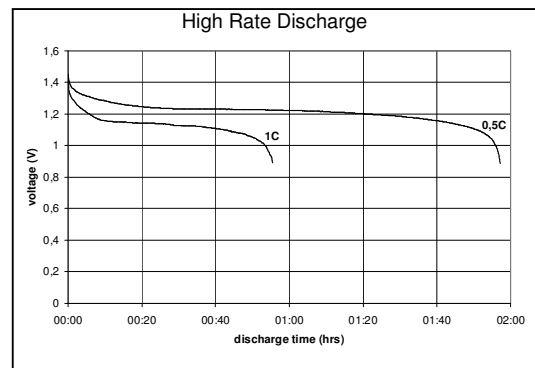
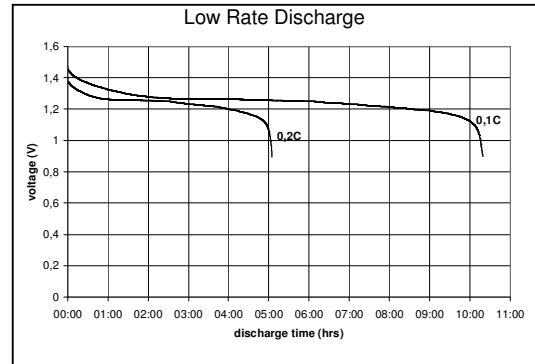
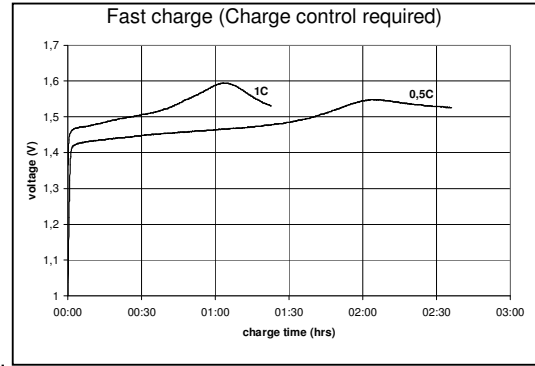
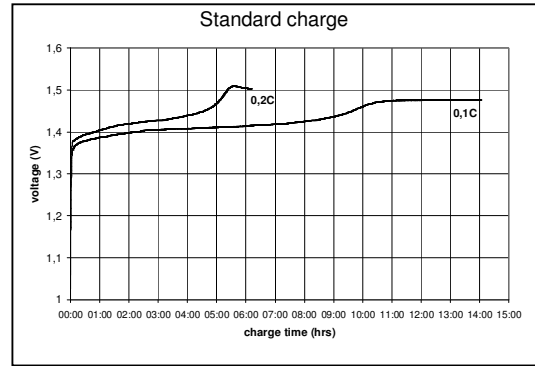
**ambient temperature range:** 0....40°C standard charge  
 -20....65°C discharge  
 -20....50°C storage less than 30 days  
 -20....40°C storage less than 3 months  
 -20....35°C storage less than 1 year

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

ambient temperature 20....50°C



**mechanical specifications**  
 cell dimensions (with sleeve)  
 diameter d1: 10,5-0,7mm  
 diameter d2: 3,8+/-0,2mm  
 height h1: 44,5-1,0mm  
 height h2: 1,5+0,5mm  
 weight: approx. 12g

	specifications for model/type:	AAA – NiMH 800mAh
		2 pcs blister packing
	Ansmann drawing number / part number:	5030102
	author / date:	Gramlich / 27.07.2007