

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

**capacity:**  
 nominal : 1100mAh  
 minimal: 930mAh  
 880mAh

**max. continuous discharge current:** 2000mA

**charge:**  
 standard charge: charge current 100mA charge time 16hrs at 20°C  
 rapid charge: 220mA 5,5hrs  
 fast charge: 1000mA 1,15hrs

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

trickle charge current: 10....50mA (recommended)

continuous overcharge: ≤ 50mA (less than 1 year) no conspicuous deformation, no leakage

**internal resistance:** ≤ 40mOhms at 1000Hz, battery fully charged

**life expectancy:** 500 cycles IEC standard

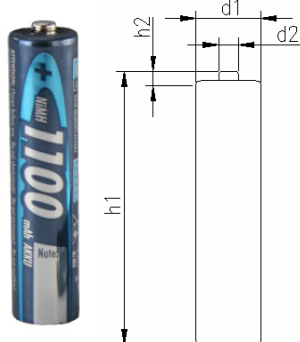
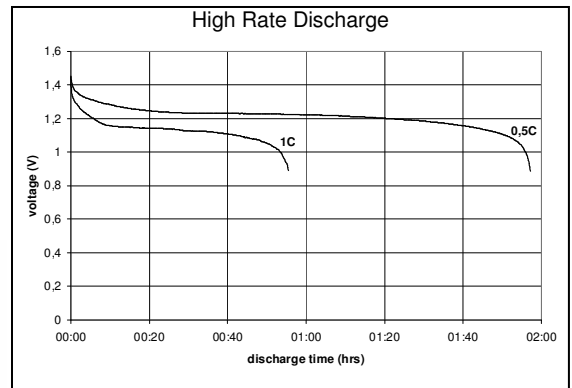
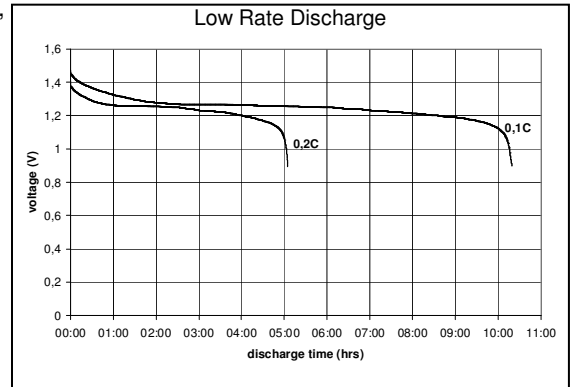
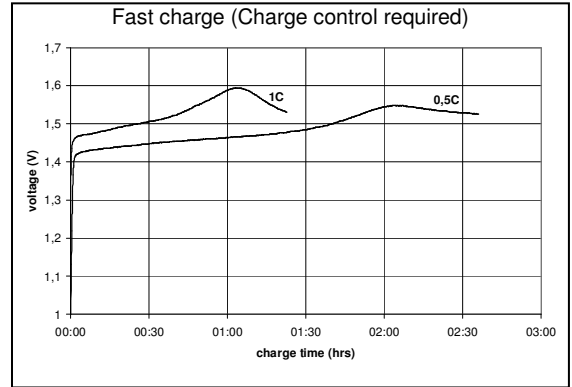
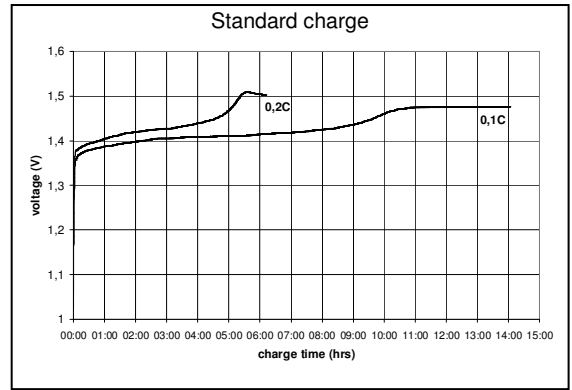
**ambient temperature range:** 0....50°C standard charge  
 10....45°C fast charge  
 -20....60°C discharge  
 -20....50°C storage less than 30 days  
 -20....40°C storage less than 3 months  
 -20....30°C storage less than 1 year

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: max. 3,8mm  
 height h1: 44,5 – 1,5mm  
 height h2: min. 0,8mm  
 weight: approx. 13g

	specifications for model/type:	AAA – NiMH 1100mAh
		2pcs. blister package
	Ansmann drawing number / part number:	5035222
	author / date:	Gramlich / 27.09.2007