

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

capacity
 nominal : 2700mAh
 minimum: 2300mAh
 2200mAh

max. continuous discharge current: 5000mA
 ambient temperature 20....50 °C

charge
 standard charge: charge current 250mA charge time 16hrs at 20 °C
 quick charge: 550mA 5hrs
 fast charge: 2500mA 1,1hrs

recommended charge parameters:
 -dV: 5....10mV
 dT/dt: 0,8....1 °C per min
 TCO: 40...50 °C

trickle charge current: 25....100mA (recommended)

continuous overcharge: <125mA no conspicuous deformation, no leakage
 (less than 1 year)

internal resistance: ≤25mOhms at 1000Hz, battery fully charged

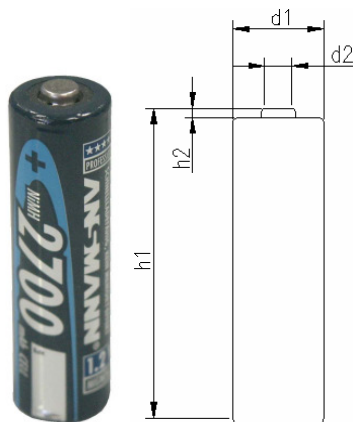
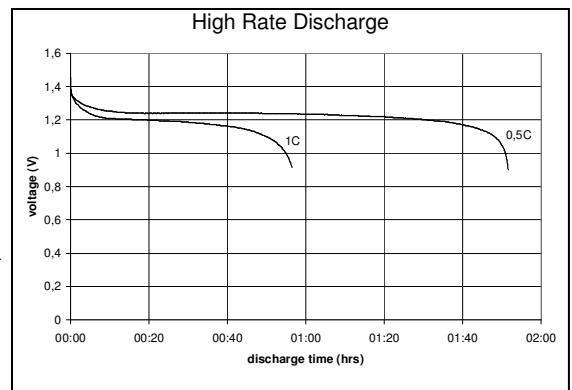
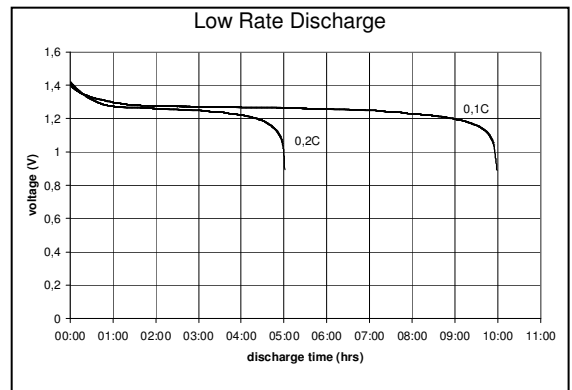
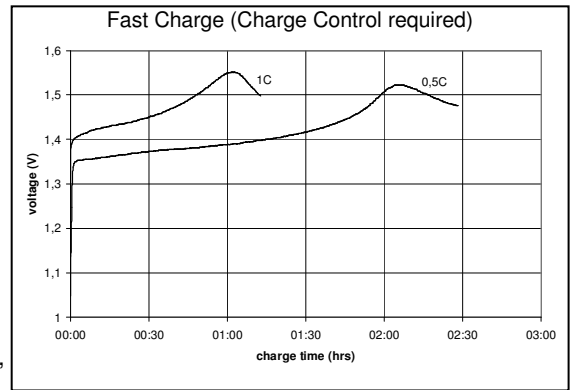
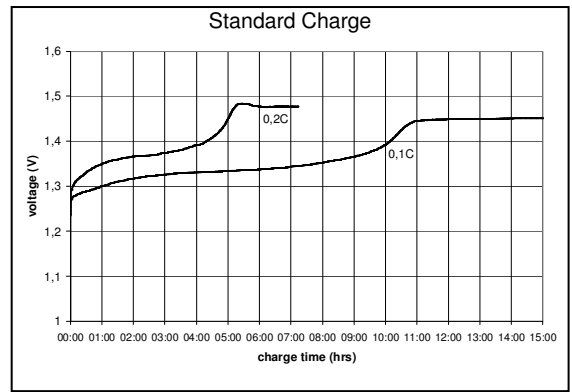
life expectancy: >500 cycles IEC standard

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....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



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 14,3 -0,4mm
 diameter d2: 5,5 -0,5mm
 height h1: 50,3 -0,5mm
 height h2: min. 1,0mm
 weight: approx. 30g

	specifications for model/type:	AA – NiMH 2700mAh
	Ansmann drawing number / part number:	2 pcs blister packing 5030852
	author / date:	Gramlich / 20.07.2007