

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

capacity
 nominal : 2400mAh
 minimum: 2000mAh
 1900mAh

max. continuous discharge current: 4800mA

charge
 standard charge: charge current 210mA charge time 16hrs at 20°C
 quick charge: 500mA 5hrs
 fast charge: 2100mA 1,15hrs

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

trickle charge current: 20...100mA (recommended)

continuous overcharge: ≤ 100mA (less than 1 year) no conspicuous deformation, no leakage

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

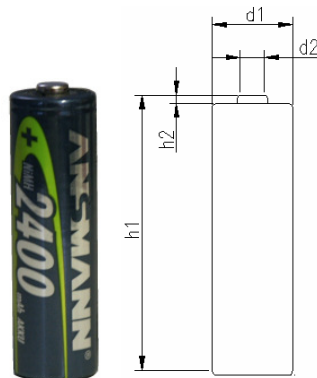
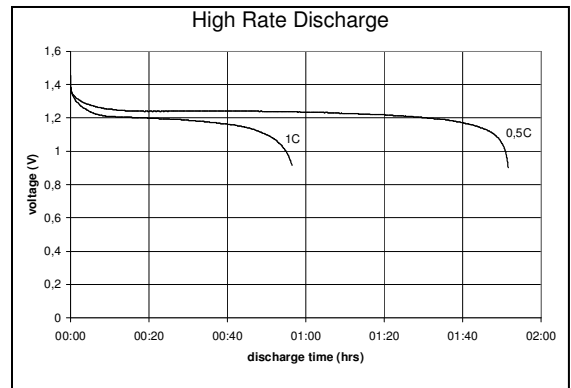
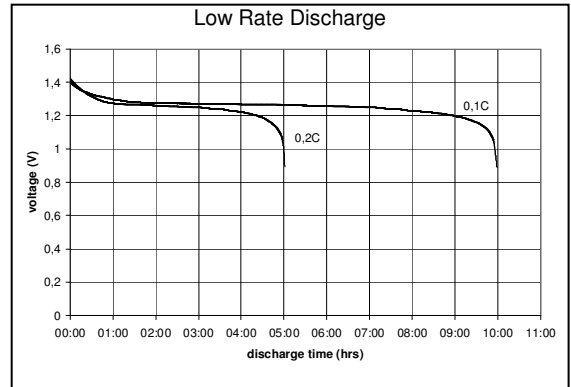
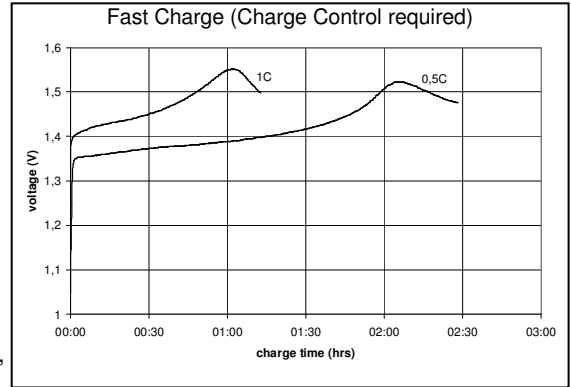
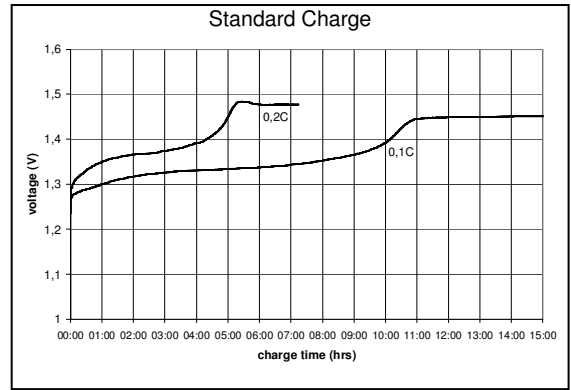
life expectancy: >500 cycles IEC standard

ambient temperature range: 0...45°C standard charge
 0...40°C fast charge
 0...50°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



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 14,3 - 0,4mm
 diameter d2: 5,5 - 0,5mm
 height h1: 50,4 - 0,5mm
 height h2: 1,8 +/- 0,3mm
 weight: approx. 30g

	specifications for model/type:	AA – NiMH 2400mAh
		2 pcs blister packing
	Ansmann drawing number / part number:	5030542
	author / date:	Gramlich / 26.07.2007