

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

capacity
 nominal : 2700mAh
 minimum: 2400mAh
 2250mAh

max. continuous discharge current: 2700mA

charge
 standard charge: charge current 240mA charge time 14hrs at 20°C
 quick charge: 525mA 5hrs
 fast charge: 2400mA 1,1hrs

recommended charge termination control 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

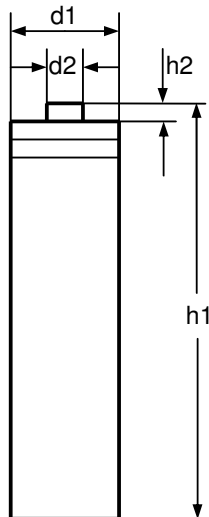
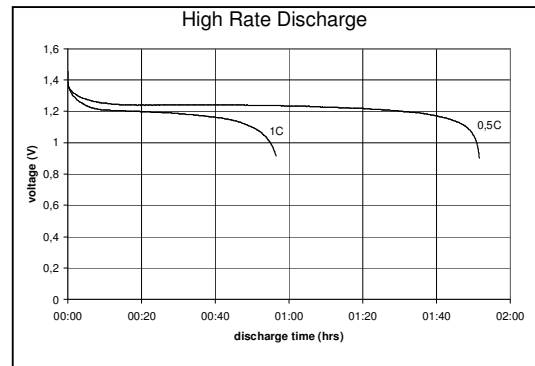
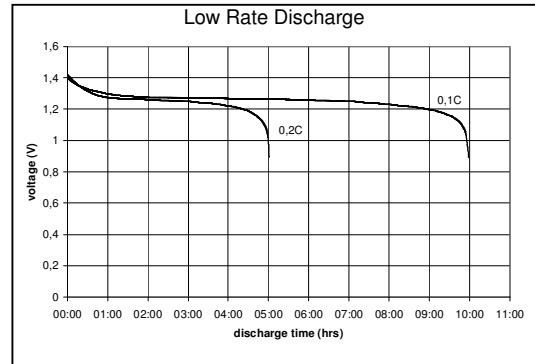
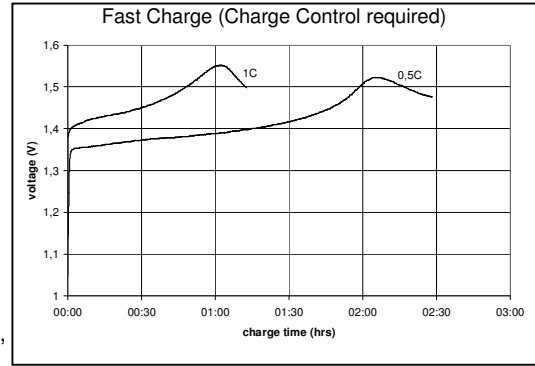
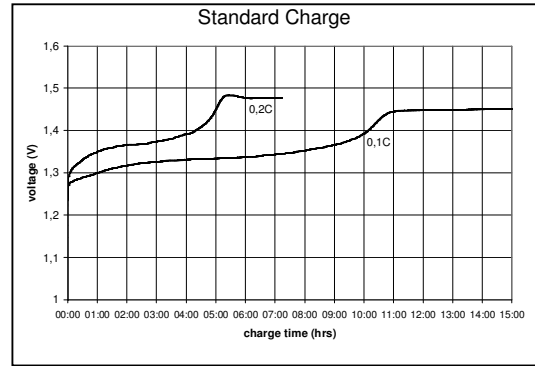
ambient temperature range:
 0...45°C standard charge
 10...40°C fast charge
 -20...50°C discharge
 -20...55°C storage less than 30 days
 -20...45°C storage less than 3 months
 -20...35°C storage less than 1 year

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
 diameter d1: 14,1 - 0,5mm
 diameter d2: 5,5 - 0,5mm
 height h1: 50,4 - 1,0mm
 height h2: 1,8 +/- 0,5mm
 weight: approx. 30g

	specifications for model/type:	AA – NiMH 2850mAh
	Ansmann drawing number / part number:	5035201
	author / date:	Gramlich / 29.08.2007