

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

capacity
 nominal : 800mAh
 minimal: 700mAh
 650mAh

max. discharge current: 2400mA

charge
 standard charge: 80mA
 quick charge: 200mA
 fast charge: 800mA

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

trickle charge current: 24...40mA (recommended)

continuous overcharge: < 80mA (less than 28 days)

internal resistance: ≤ 60mOhms

life expectancy: >500 cycles

ambient temperature range: 0...45 °C
 10...40 °C
 -20...60 °C
 -20...35 °C

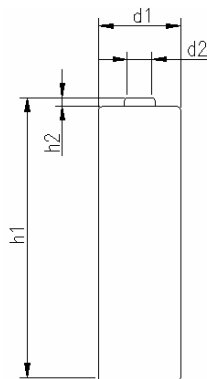
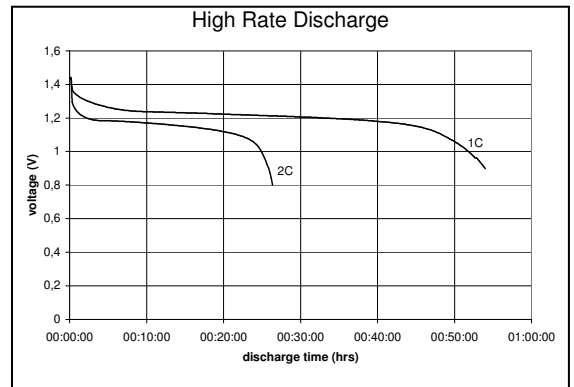
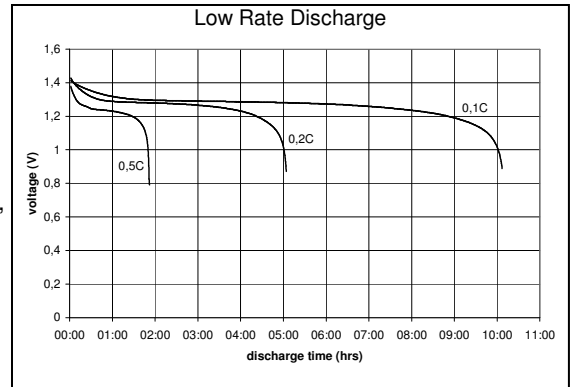
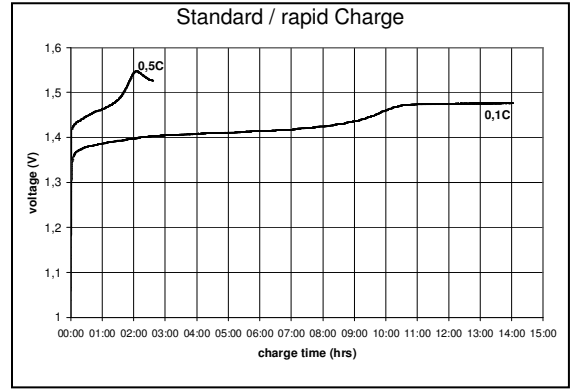
conditions
 at standard charge (0,1C / 20 °C)
 discharge at 0,2C
 discharge at 0,2C
 discharge at 1C
 1,0V end discharge voltage
 ambient temperature 20 °C

charge current charge time
 80mA 15hrs at 20 °C
 200mA 5hrs
 800mA 1,1hrs

at 1000Hz,
 battery fully charged

IEC standard

standard charge
 fast charge
 discharge
 storage (less than 6 month)



mechanical specifications
 cell dimensions (with sleeve)
 diameter d1: 14,3 - 0,7mm
 diameter d2: 4,7 +/- 0,3mm
 height h1: 50,3 - 1mm
 height h2: min.1mm
 weight: approx. 20g

	specifications for model / type:	AA – NiMH 800mAh (DECT)
		2 pcs blister packing
	Ansmann drawing number / part number:	5030902
	author / date:	Gramlich / 27.07.2007