

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

conditions
 at standard charge
 (0,1C / 20°C)

capacity:
 nominal : 800mAh
 minimum: 730mAh

discharge at 0,2C
 discharge at 0,2C
 1,0V end discharge voltage
 ambient temperature 20°C

recommended discharge current: ≤800mA

ambient temperature
 20....50°C

charge:

standard charge: charge current 80mA charge time 16hrs at 20°C
 fast charge: charge current 800mA charge time 1,1hrs

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

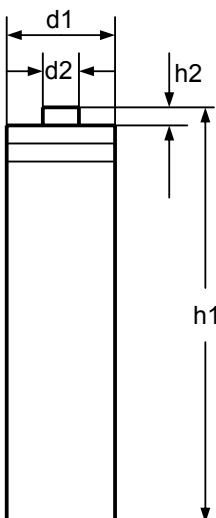
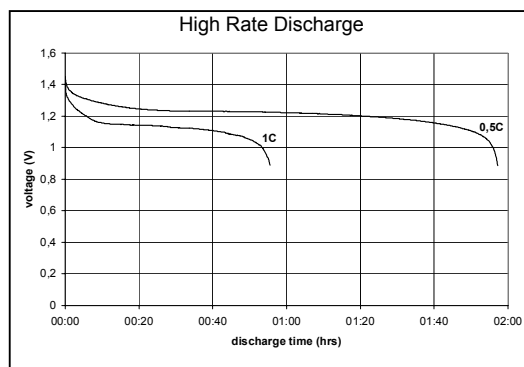
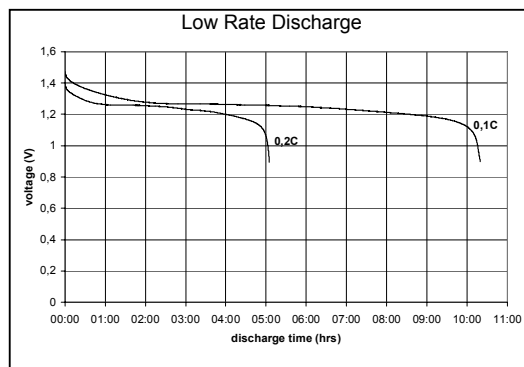
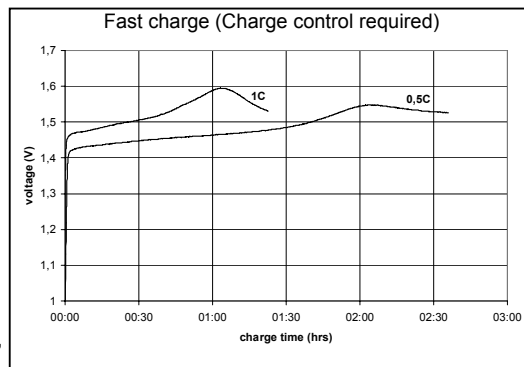
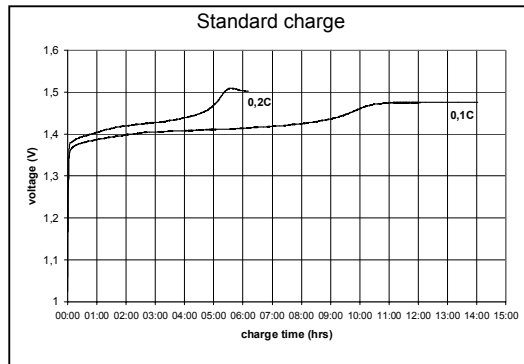
trickle charge current: 8....40mA (recommended)

continuous overcharge: <80mA no conspicuous deformation, no leakage
 (less than 1 year)

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

life expectancy: 500 cycles IEC standard

ambient temperature range: 0....40°C standard charge
 -20....65°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



mechanical specifications
 cell dimensions (with sleeve)
 diameter d1: 10,5-0,7mm
 diameter d2: 3,8+/-0,2mm
 height h1: 44,5-1,0mm
 height h2: 1,5+0,5mm
 weight: approx. 12g

	specifications for model/type:	AAA – NiMH 800mAh
	Ansmann drawing number / part number:	5030011
	drawn by / date:	Gramlich / 22.05.2006