

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

capacity:
 nominal : 1100mAh
 minimal: 930mAh
 880mAh

max. continuous discharge current: 2000mA

charge:
 standard charge: charge current 100mA, charge time 16hrs at 20°C
 rapid charge: charge current 220mA, charge time 5,5hrs
 fast charge: charge current 1000mA, charge time 1,15hrs

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

trickle charge current: 10...50mA (recommended)

continuous overcharge: ≤ 50mA (less than 1 year) no conspicuous deformation, no leakage

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

life expectancy: 500 cycles IEC standard

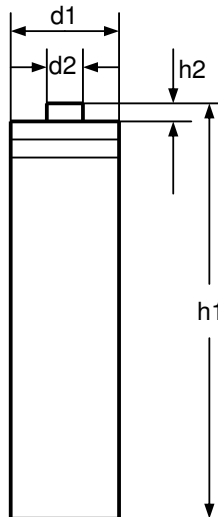
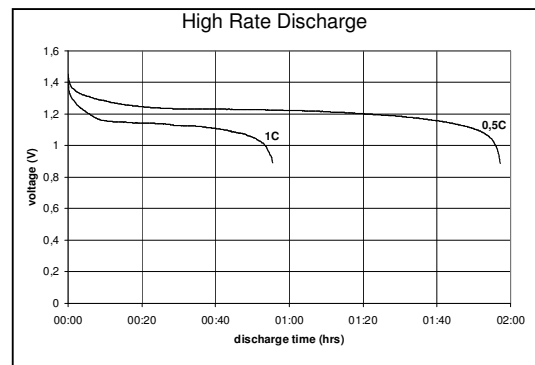
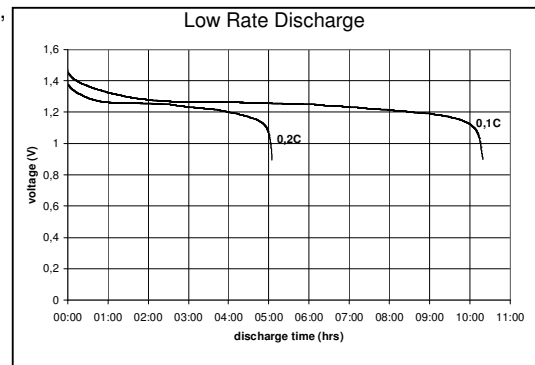
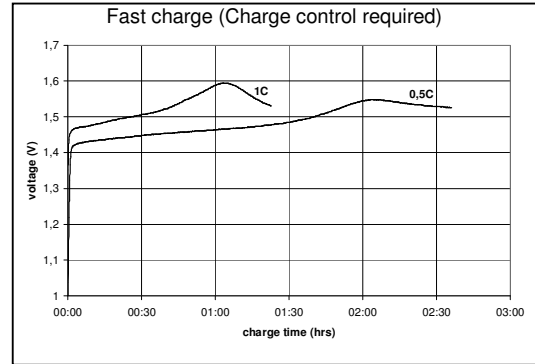
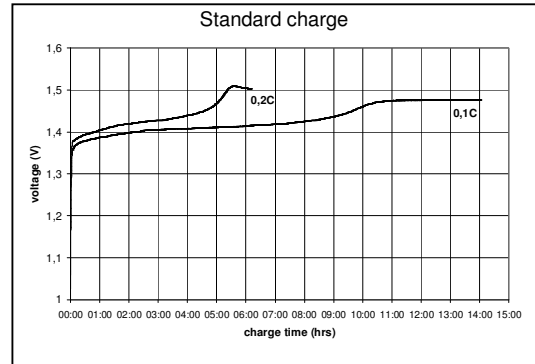
ambient temperature range: 0...50°C standard charge
 10...45°C fast charge
 -20...60°C discharge
 -20...50°C storage less than 30 days
 -20...40°C storage less than 3 months
 -20...30°C storage less than 1 year

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

ambient temperature 20...50°C



mechanical specifications

cell dimensions (with sleeve)
 diameter d1: 10,5 – 0,7mm
 diameter d2: max. 3,8mm
 height h1: 44,5 – 1,5mm
 height h2: min. 0,8mm
 weight: approx. 13g

	specifications for model/type:	AAA – NiMH 1100mAh
	Ansmann drawing number / part number:	5035221
	author / date:	Gramlich / 26.09.2007