

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

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

max. continuous discharge current: 2000mA

charge:

standard charge:
 rapid charge:
 fast charge:

charge current charge time
 100mA 16hrs at 20 °C
 220mA 5,5hrs
 1000mA 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
 10....45 °C
 -20....60 °C
 -20....50 °C
 -20....40 °C
 -20....30 °C

standard charge
 fast charge
 discharge
 storage less than 30 days
 storage less than 3 months
 storage less than 1 year

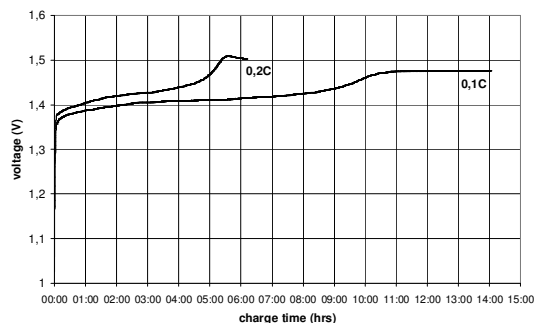
conditions

at standard charge
 (0,1C / 20 °C)

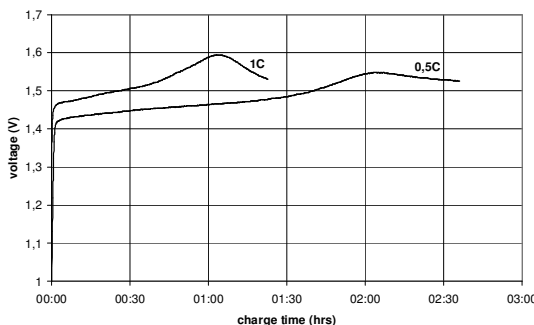
discharge at 0,2C
 discharge at 0,2C
 discharge at 1C
 1,0V end discharge voltage
 ambient temperature 20 °C

ambient temperature
 20....50 °C

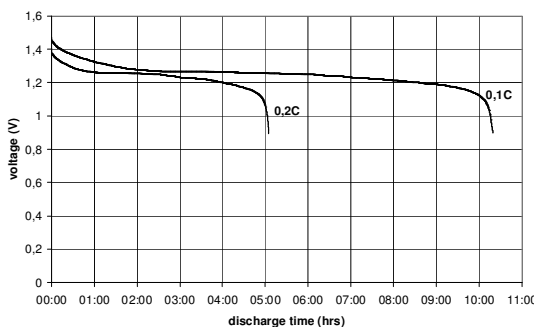
Standard charge



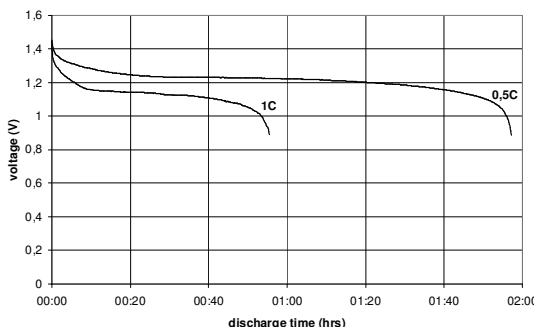
Fast charge (Charge control required)



Low Rate Discharge

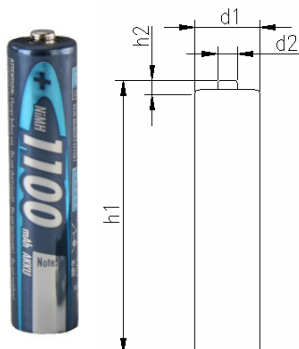


High Rate Discharge



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:

2pcs. blister package

5035222

author / date:

Gramlich / 27.09.2007