

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

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

max. continuous discharge current: 2000mA
 ambient temperature 20....50 °C

charge:
 standard charge: charge current 100mA charge time 16hrs at 20 °C
 rapid charge: 220mA 5,5hrs
 fast charge: 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 no conspicuous deformation,
 (less than 1 year) no leakage

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

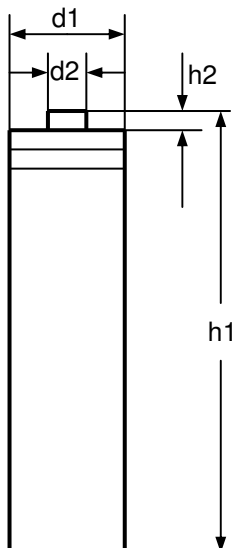
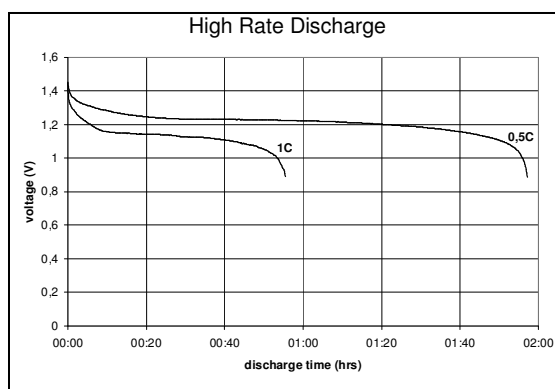
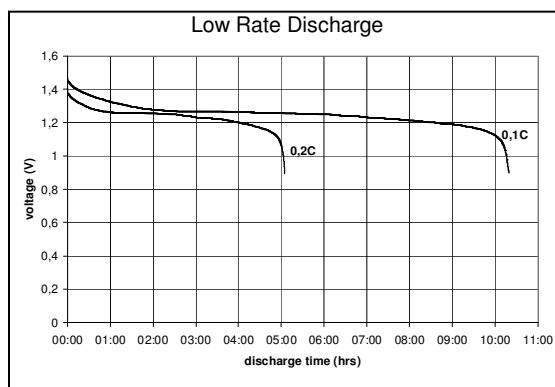
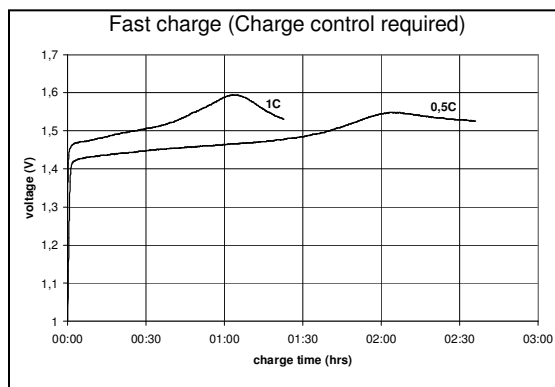
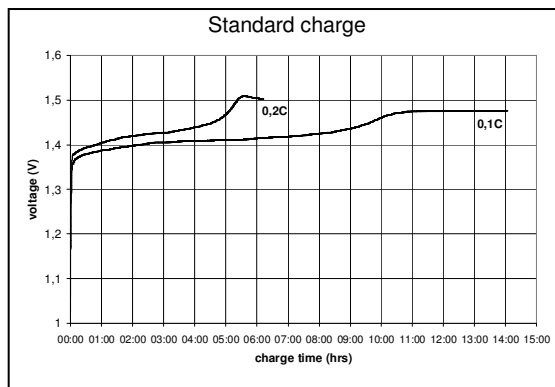
life expectancy: 500 cycles IEC standard

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



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

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