

nominal voltage: 8,4V
max. charge voltage: 10,5V

conditions

at standard charge
 (0,1C / 20 °C)

capacity

nominal : 250mAh
 minimal: 250mAh
 220mAh

discharge at 0,2C
 discharge at 0,2C
 discharge at 1C
 7,0V end discharge voltage
 ambient temperature 20 °C

max. continuous discharge current:

750mA

ambient temperature
 20....50 °C

charge

standard charge:
 rapid charge :
 fast charge :

charge current charge time
 25mA 16hrs
 60mA 5hrs
 250mA 1,2hrs

recommended charge
 termination control
 parameter:

-dV: 35....70mV
 dT/dt: 0,8....1 °C per min
 TCO: 45....50 °C

trickle charge current:

5....10mA

(recommended)

continuous overcharge:

max. 12mA

no conspicuous deformation,
 no leakage

internal resistance:

≤ 0,63Ohms

at 1000Hz,
 battery fully charged

life expectancy:

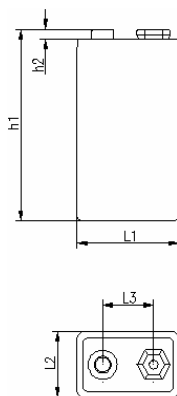
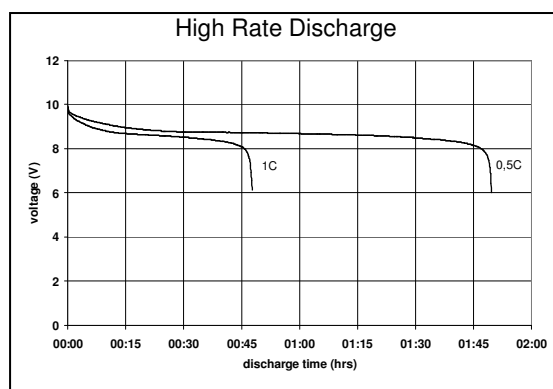
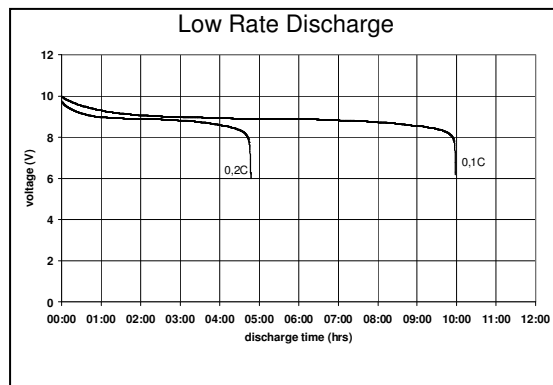
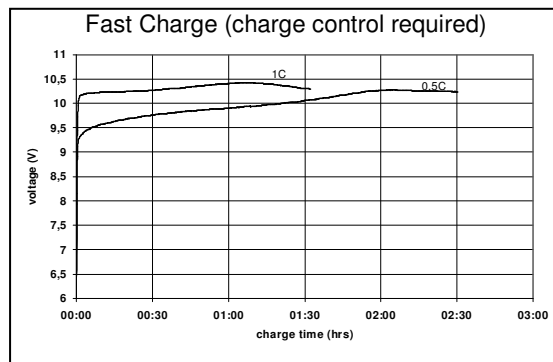
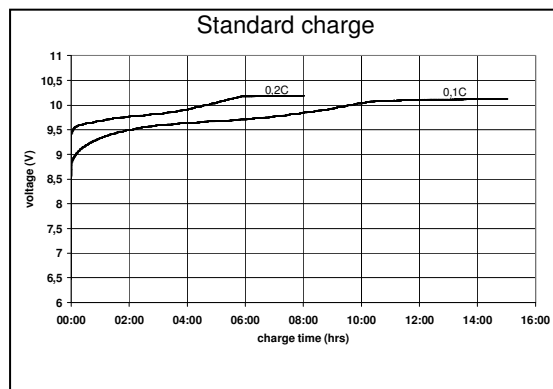
>500 cycles

IEC standard

ambient temperature range:

0....45 °C
 10....40 °C
 -20....60 °C
 -20....35 °C

standard charge
 fast charge
 discharge
 storage



mechanical specifications

cell dimensions (with sleeve)
 length l1: 26,5 – 2,0mm
 length l2: 17,5 – 2,0mm
 length l3: 12,7 +/- 0,25mm
 height h1: 48,0 +/- 0,5mm
 weight: approx. 46g

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specifications for model/type:

8,4V NiMH – E-Block 250mAh

Ansmann drawing number / part number:

1 pcs blister packing

5030332

author / date:

Gramlich / 27.11.2007