

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

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

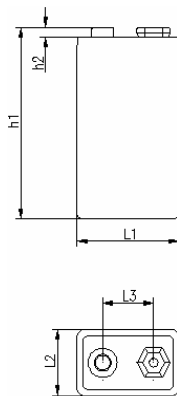
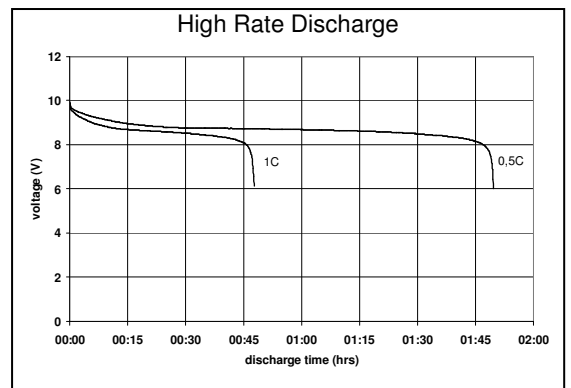
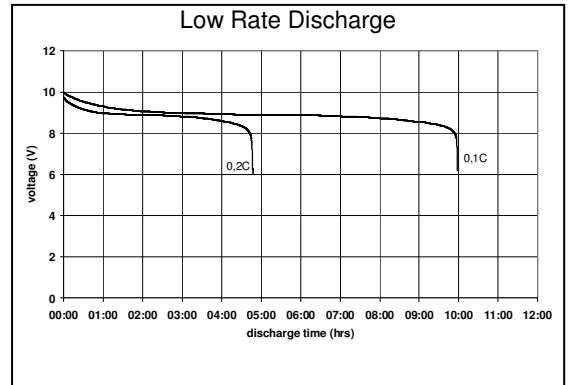
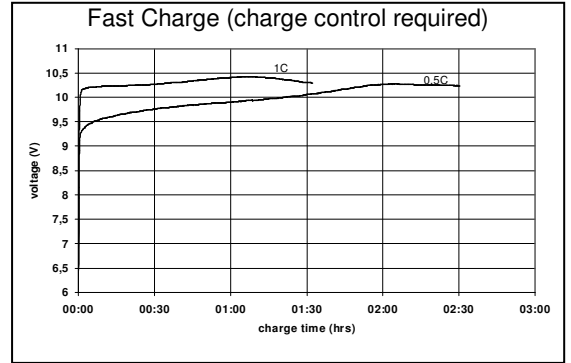
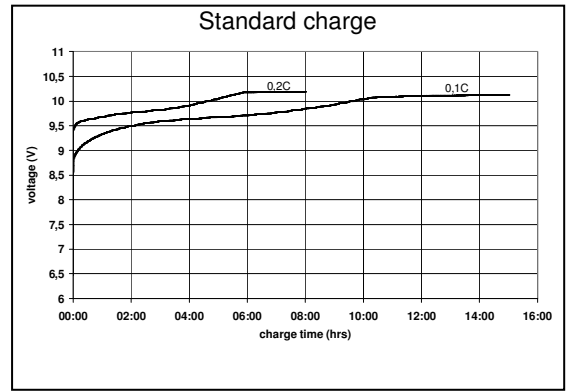
trickle charge current: 5....10mA (recommended)

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 standard charge
 10....40°C fast charge
 -20....60°C discharge
 -20....35°C 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

	specifications for model/type:	8,4V NiMH – E-Block 250mAh
		1 pcs blister packing
	Ansmann drawing number / part number:	5030332
	author / date:	Gramlich / 27.11.2007