

Nickel Metal Hydride Batteries

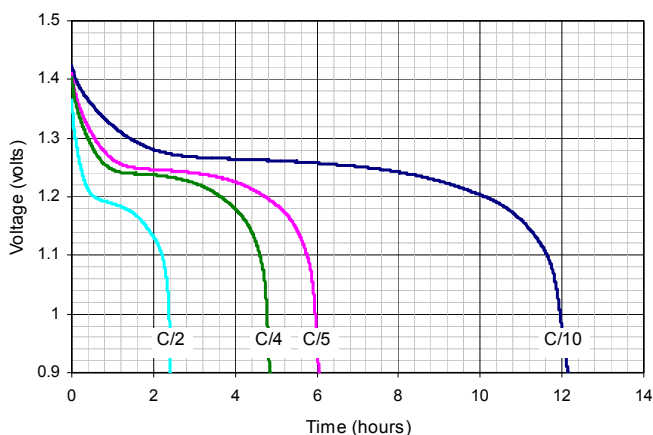
OVERVIEW

- Higher energy density provides longer run time than NiCd's
- Environmentally friendly
- No memory effect
- Good storage capabilities
- Trickle and fast charge compatible

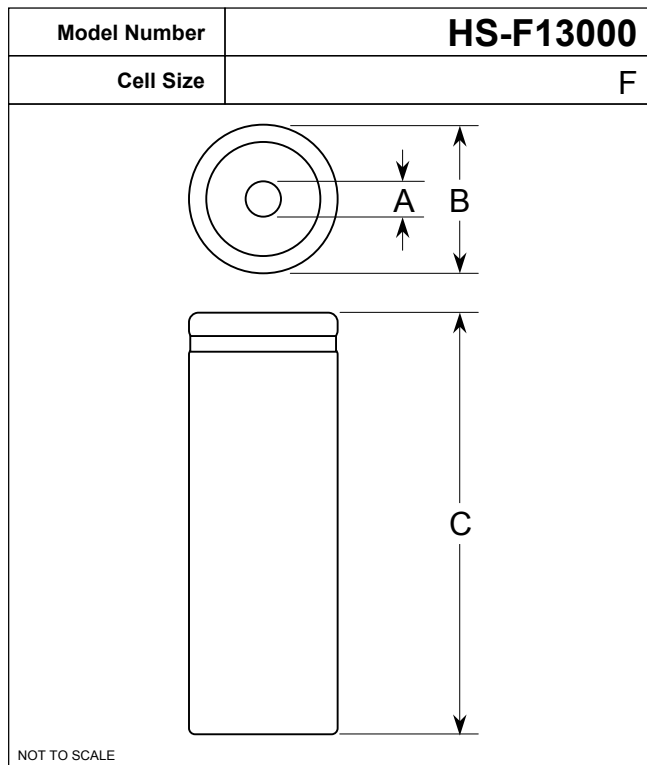
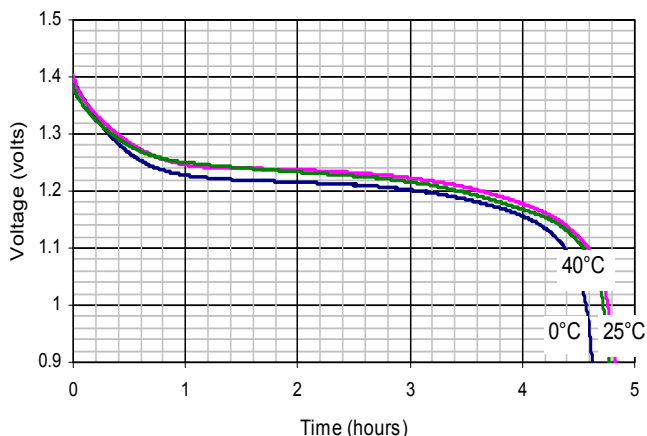
APPLICATIONS

- Data collection scanners
- Thermal printers
- Medical devices
- Photo equipment
- Toys/Radio controlled models
- Radios/CD players & MP3 players

C/10-C/2 Discharge Profile @ 25°C



C/4 Discharge Profiles @ 0°C, 25°C, & 40°C



PHYSICAL CHARACTERISTICS (includes shrink sleeve)

Dimension	Measurement (mm)	Tolerance (mm)
A	7.5	+0/-0.1
B	32.5	+0/-0.5
C	91.2	+0/-1.0
Weight		260.0 g

ELECTRICAL CHARACTERISTICS

Nominal Voltage		1.2 V
Capacity	Typical	13000 mAh
	Minimum @ C/5	12000 mAh
Internal Resistance @ 1000 Hz		4.0 mΩ
Cycle Life (minimum)		500 cycles

CHARGE SPECIFICATIONS

Standard Charge	C/10 for 16 hours
Fast Charge (with proper termination)	C/4

DISCHARGE SPECIFICATIONS

Current	Continuous	C
	Spikes	2C
Minimum Voltage/Voltage Cutoff		1.0 V

TEMPERATURE

Charging	10°C to 40°C
Discharging	10°C to 40°C
Storage	-20°C to 30°C