

Nickel Metal Hydride Batteries

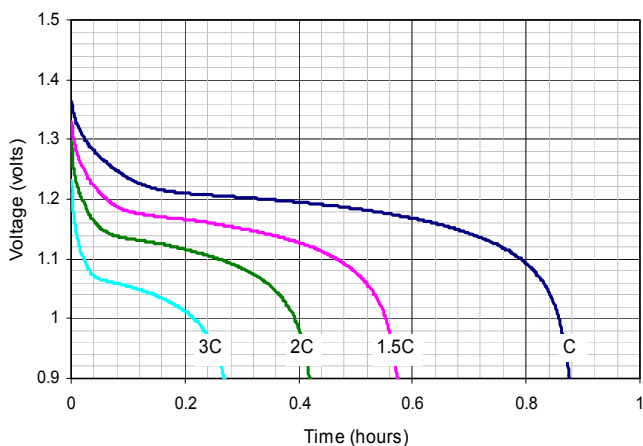
OVERVIEW

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

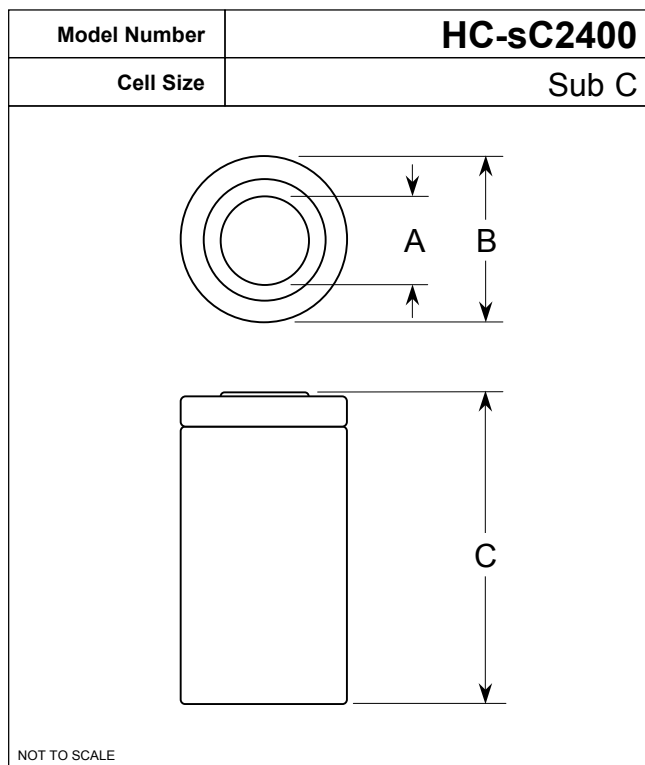
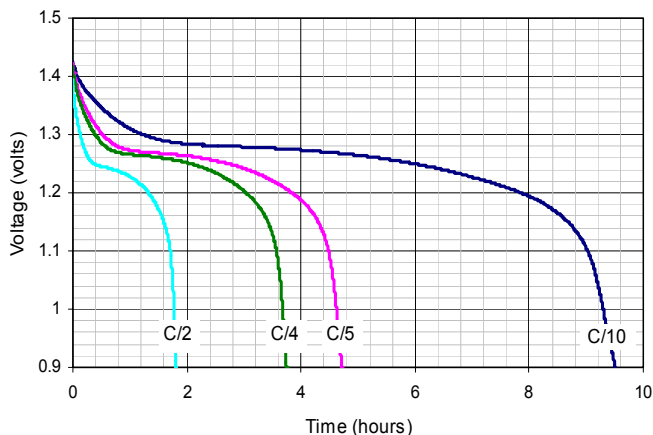
APPLICATIONS

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

C-3C Discharge Profiles @ 25°C



C/10-C/2 Discharge Profiles @ 25°C



PHYSICAL CHARACTERISTICS (includes shrink sleeve)

Dimension	Measurement (mm)	Tolerance (mm)
A	12.0	+0/-0.1
B	22.2	+0/-0.5
C	42.2	+0/-1.0
Weight		58.8 g

ELECTRICAL CHARACTERISTICS

Nominal Voltage		1.2 V
Capacity	Typical	2600 mAh
	Minimum @ C/5	2400 mAh
Internal Resistance @ 1000 Hz		6.0 mΩ
Cycle Life (minimum)		500 cycles

CHARGE SPECIFICATIONS

Standard Charge	C/10 for 16 hours
Fast Charge (with proper termination)	1C

DISCHARGE SPECIFICATIONS

Current	Continuous	10C
	Spikes	30C
Minimum Voltage/Voltage Cutoff		1.0 V

TEMPERATURE

Charging	10°C to 40°C
Discharging	0°C to 40°C
Storage	-20°C to 30°C