

## Nickel Metal Hydride Batteries

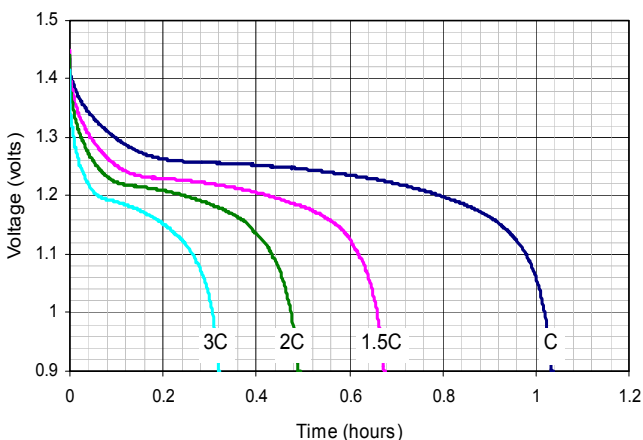
### OVERVIEW

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

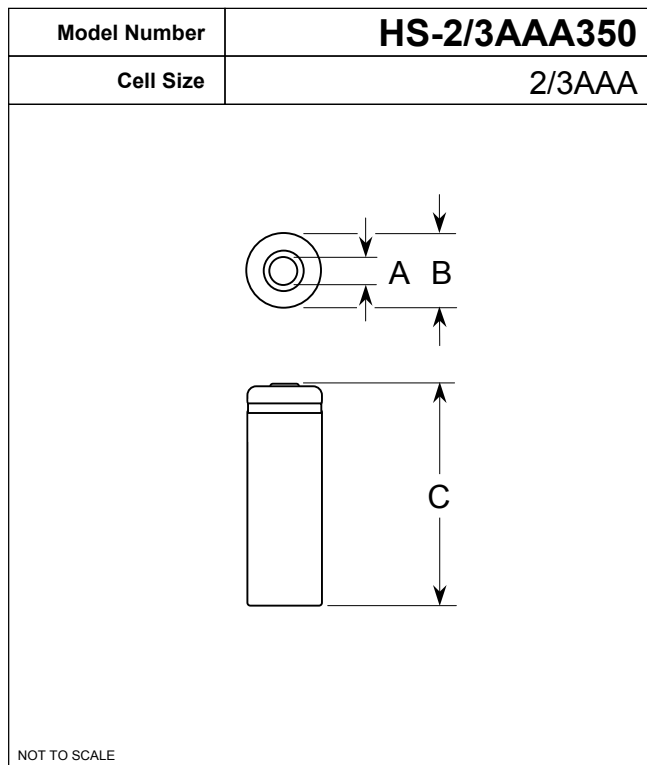
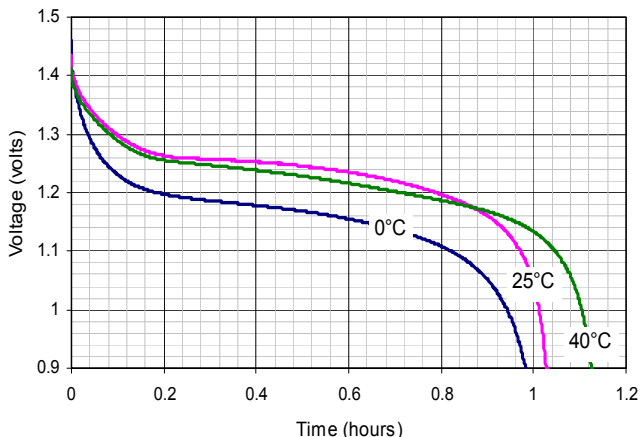
### APPLICATIONS

- 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 Discharge Profile @ 0°C, 25°C, & 40°C



### PHYSICAL CHARACTERISTICS (includes shrink sleeve)

Dimension	Measurement (mm)	Tolerance (mm)
A	5.0	+0/-0.1
B	10.5	+0/-0.5
C	30.0	+0/-0.5
Weight		8.2 g

### ELECTRICAL CHARACTERISTICS

Nominal Voltage		1.2 V
Capacity	Typical	350 mAh
	Minimum @ C/5	300 mAh
Internal Resistance @ 1000 Hz		28.0 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	5C
	Spikes	10C
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