

Nickel Metal Hydride Batteries

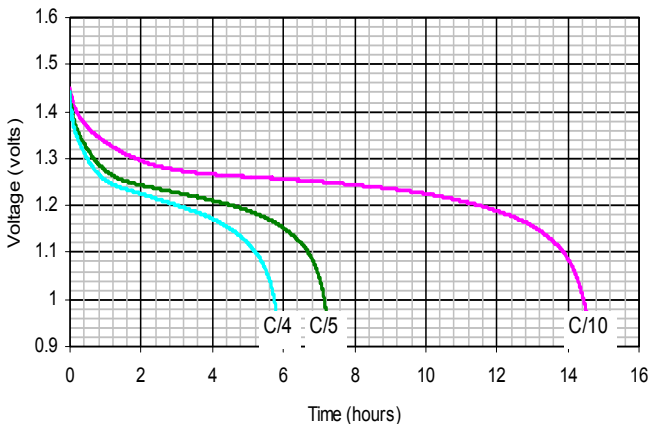
OVERVIEW

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

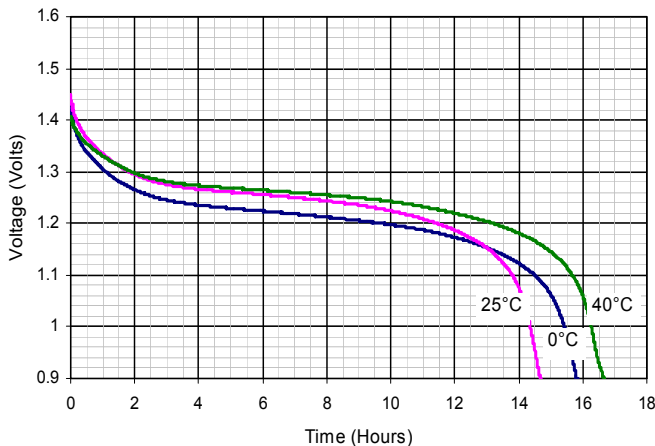
APPLICATIONS

- Cordless phones
- Memory backup
- Remote controls
- Home and car alarms
- Toys/Radio controlled models
- Medical equipment

C/10-C/4 Discharge Profile @ 25°C



C/10 Discharge Profiles @ 0°C, 25°C, & 40°C



Model Number	HB-H30
Cell Size	30 H

Diagram showing physical dimensions: A (height), B (width), and C (diameter).

NOT TO SCALE

PHYSICAL CHARACTERISTICS (includes shrink sleeve)

Dimension	Measurement (mm)	Tolerance (mm)
A	12.0	+0/-0.2
B	5.3	+0/-0.4
C	9.7	+0/-0.2
Weight		2.0 g

ELECTRICAL CHARACTERISTICS

Nominal Voltage		1.2 V
Capacity	Typical	32 mAh
	Minimum @ C/5	30 mAh
Internal Resistance @ 1000 Hz		1500.0 mΩ
Cycle Life (minimum)		500 cycles

CHARGE SPECIFICATIONS

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

DISCHARGE SPECIFICATIONS

Current	Continuous	C/4
	Spikes	C/2
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