

Nickel Metal Hydride Batteries

OVERVIEW

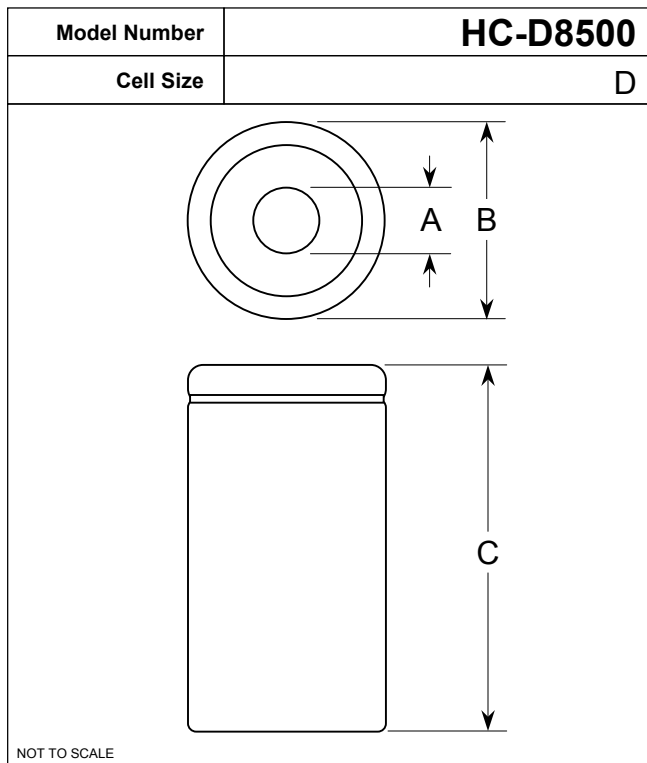
- Higher energy density provides longer run time than NiCds
- Environmentally friendly
- No memory effect
- Good storage capabilities
- Trickle and fast charge compatible

APPLICATIONS

- Hybrid vehicles
- Electric bikes
- Electric assist wheelchairs
- Remote power stations
- Medical devices
- Photo equipment

Discharge Testing
In Process

Temperature Testing
In Process



PHYSICAL CHARACTERISTICS (includes shrink sleeve)

Dimension	Measurement (mm)	Tolerance (mm)
A	5.6	+0/-0.1
B	32.5	+0/-0.5
C	58.2	+0/-1.0
Weight		168.0 g

ELECTRICAL CHARACTERISTICS

Nominal Voltage		1.2 V
Capacity	Typical	10000 mAh
	Minimum @ C/5	8500 mAh
Internal Resistance @ 1000 Hz		2.7 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	6C
	Spikes	12C
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