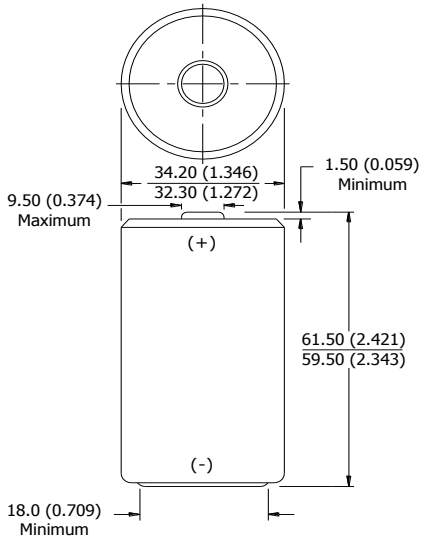
ENERGIZER NH50-2500 (HR20)

D



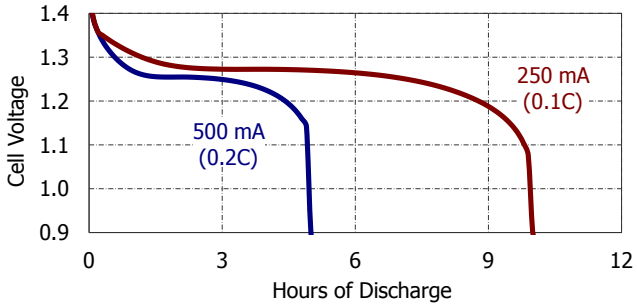
Industry Standard Dimensions

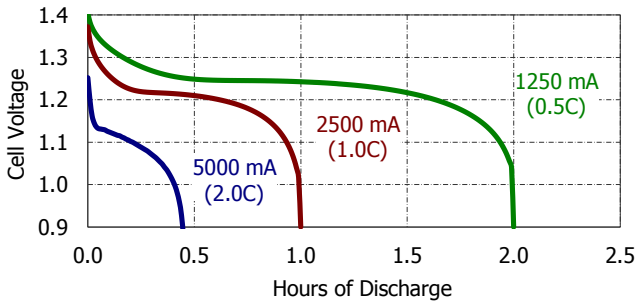
mm (inches)



Discharge Characteristics

Typical Performance at 21ºC (70ºF)





Specifications

Classification:	Rechargeable
Chemical System:	Nickel-Metal Hydride (NiMH)
Designation:	ANSI-1.2H4
Nominal Voltage:	1.2 Volts
Rated Capacity:	2500 mAh* at 21°C (70°F)
Typical Weight:	73.0 grams (2.6 oz.)
Typical Volume:	57.0 cubic centimeters (3.5 cubic inch)
Terminals:	Flat Contact
Jacket:	Plastic

* Based on 500 mA (0.2C rate) continuous discharge to 1.0 volts.

Internal Resistance:

The internal resistance of the cell varies with state of charge, as follows:

Cell Charged	Cell 1/2 Discharged
11 milliohms	21 milliohms

(tolerance of ±20% applies to above values)

AC Impedance (no load):

The impedance of the charged cell varies with frequency, as follows:

Frequency (Hz)	Impedance (milliohms) (charged cell)
1000	9

Above values based on AC current set at 1.0 ampere.
Value tolerances are ±20%.

Operating and Storage Temperatures:

To maintain maximum performance, observe the following general guidelines regarding environmental conditions:

Charge:	0ºC to 40ºC (32ºF to 104ºF)
Discharge:	0ºC to 50ºC (32ºF to 122ºF)
Storage:	-20ºC to 30ºC (-4ºF to 86ºF)
Humidity:	65±20%

NOTE: Operating at extreme temperatures, will significantly impact battery cycle life.

Important Notice

This data sheet contains typical information specific to products manufactured at the time of its publication.
Contents herein do not constitute a warranty and are for reference only.