

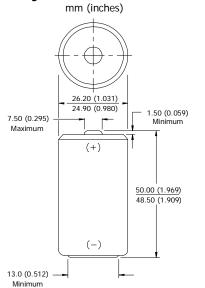
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# ENERGIZER NH35-2500



# **Industry Standard Dimensions**



## **Discharge Characteristics**

#### Typical Performance at 21°C (70°F) 1.4 1.3 250 mA Cell Voltage 1.2 (0.1C) 500 mA 1.1 (0.2C)1.0 0.9 0 3 6 Hours of Discharge 9 12 1.4 1.3 Cell Voltage 1250 mA 1.2 (0.5C) 2500 mA 1.1 (1.0C) 5000 mA 1.0 (2.0C) 0.9 0.0 0.5 1.0 1.5 2.0 2.5 Hours of Discharge

Classification: Chemical System: Designation: Nominal Voltage: Rated Capacity: Typical Weight: Typical Volume: Terminals: Jacket: Rechargeable Nickel-Metal Hydride (NiMH) ANSI-1.2H3 1.2 Volts 2500 mAh\* at 21°C (70°F) 66.0 grams (2.3 oz.) 27.0 cubic centimeters (1.6 cubic inch) Flat Contact Plastic

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

**Specifications** 

#### **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) 1000 Impedance (milliohms) (charged cell)

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

### **Operating and Storage Temperatures:**

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

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

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

#### Important Notice

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