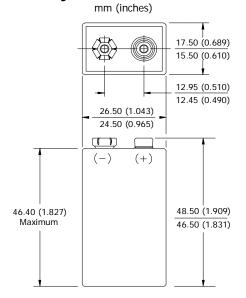


### **ENERGIZER NH22-150**





# **Industry Standard Dimensions**



**Discharge Characteristics** 

Typical Performance at 21°C (70°F)

Hours of Discharge

15 mA

(0.1C)

12

8.0

7.5

6.5

6.0 5.5

8.0 7.5 0

30 mA

(0.2C)

3

Cell Voltage 7.0

# **Specifications**

Classification: Rechargeable

**Chemical System:** Nickel-Metal Hydride (NiMH)

Designation: ANSI-7.2H5

7.2 Volts Nominal Voltage:

**Rated Capacity:** 150 mAh\*/at 21°C (70°F) **Typical Weight:** 42.0 grams (1.5 oz.)

Typical Volume: 22.0 cubic centimeters (1/3 cubic inch)

Terminals: Snap Jacket: Plastic

\* Based on 30 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 1000 milliohrns Cell 1/2 Discharged 1500 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

950

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

Humidity: 65±20%

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

#### Cell Voltage 7.0 75 mA (0.5C)150 mA 6.0 (1.0C)5.5 0.5 2.0 0.0 1.0 1.5

Hours of Discharge

#### **Important Notice**

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