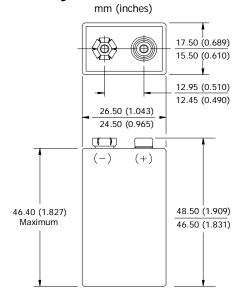


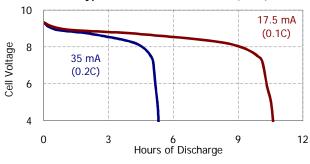
# **ENERGIZER NH22-175**

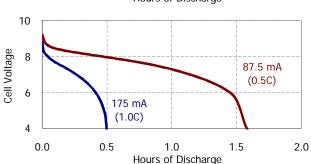


# **Industry Standard Dimensions**



# Discharge Characteristics Typical Performance at 21°C (70°F)





## **Specifications**

Classification: Rechargeable

Chemical System: Nickel-Metal Hydride (NiMH)

**Designation:** ANSI-7.2H5 **Nominal Voltage:** 8.4 Volts

Rated Capacity: 175 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

#### **Internal Resistance:**

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

Cell ChargedCell 1/2 Discharged1000 milliohms1500 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  $\pm 20\%$ .

## **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**

This data sheet contains typical information specific to products manufactured at the time of its publication.

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<sup>\*</sup> Based on 35 mA (0.2C rate) continuous discharge to 1.0 volts.