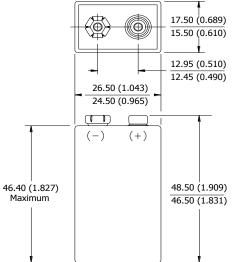
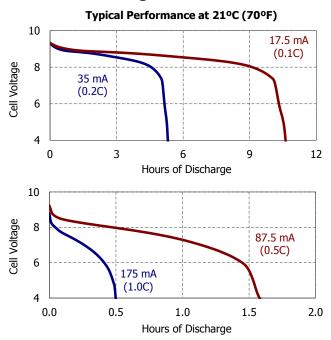
ENERGIZER NH22-175 (HR22)



Industry Standard Dimensions mm (inches)



Discharge Characteristics



Classification: **Chemical System: Designation: Nominal Voltage: Rated Capacity:** Typical Weight: **Typical Volume: Terminals:** Jacket:

Rechargeable Nickel-Metal Hydride (NiMH) ANSI-7.2H5 8.4 Volts 175 mAh* at 21°C (70°F) 42.0 grams (1.5 oz.) 22.0 cubic centimeters (1.3 cubic inch) Snap Plastic

* Based on 35 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
1000 milliohms	1500 milliohms
(tolerance of $\pm 20\%$ 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) 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)
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. Contents herein do not constitute a warranty and are for reference only.

Energizer.

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