

ENERGIZER NH22-175 (HR22)

9V

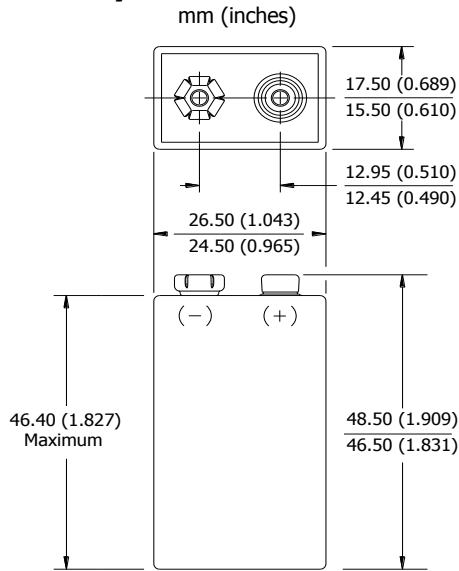


Specifications

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

* Based on 35 mA (0.2C rate) continuous discharge to 1.0 volts.

Industry Standard Dimensions



Internal Resistance:

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

<u>Cell Charged</u>	<u>Cell 1/2 Discharged</u>
1000 milliohms	1500 milliohms
(tolerance of ±20% applies to above values)	

AC Impedance (no load):

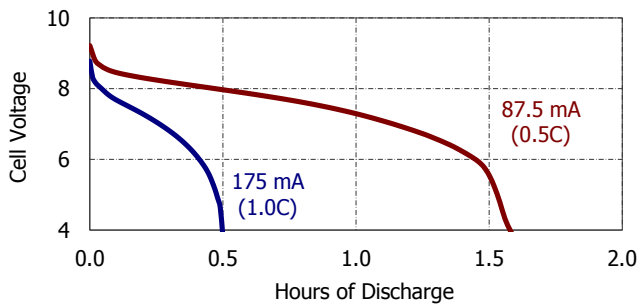
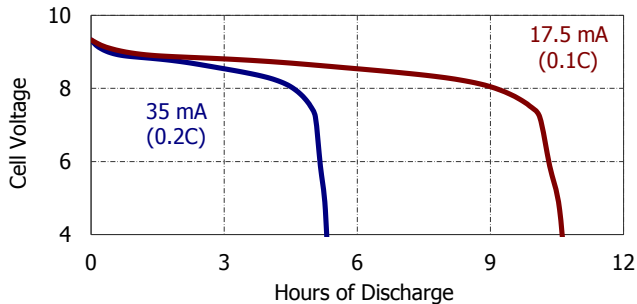
The impedance of the charged cell varies with frequency, as follows:

<u>Frequency (Hz)</u>	<u>Impedance (milliohms)</u> (charged cell)
1000	950

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

Discharge Characteristics

Typical Performance at 21°C (70°F)



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.