ENERGIZER NH22-175 (HR22)

**Specifications**

- **Classification:** Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** ANSI-7.2H5
- **Nominal Voltage:** 8.4 Volts
- **Rated Capacity:** 175 mA* 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.

**Internal Resistance:**

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

- **Cell Charged:** 1000 milliohms
- **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):**
  - 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)
- **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.