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 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.

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
- 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.