ENERGIZER NH15-2000 (HR6)

Industry Standard Dimensions

- mm (inches)
  - 14.50 (0.571)
  - 13.50 (0.531)
  - 5.50 (0.217)
  - 1.00 (0.039)
  - 50.50 (1.988)
  - 49.20 (1.937)
  - 7.00 (0.276)

Typical Discharge Characteristics

- Typical Performance at 21°C (70°F)
  - Cell Voltage vs Hours of Discharge

Specifications

- Classification: Rechargeable
- Chemical System: Nickel-Metal Hydride (NiMH)
- Designation: ANSI-1.2H2  IEC-HR6
- Nominal Voltage: 1.2 Volts
- Rated Capacity: 2000 mAh (to 1.0 volts)
  - Based on 400 mA (0.2C) discharge rate
- Typical Weight: 27 grams (0.95 oz.)
- Typical Volume: 8.3 cubic centimeters
- Jacket: Plastic Label

Internal Resistance:

- The internal resistance of the cell varies with state of charge, as follows:
  - Cell Charged: 30 milliohms
  - Cell 1/2 Discharged: 40 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): 12
  - 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
  - Discharge: 0°C to 50°C
  - Storage: -20°C to 30°C
  - Humidity: 65±20%
  - Operating at extreme temperatures, will significantly impact battery cycle life.

Important Notice

This datasheet contains information specific to battery chargers manufactured at the time of its publication.
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