ENERGIZER NH12-500

Specifications

Classification: Rechargeable
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: IEC-HR03
Nominal Voltage: 1.2 Volts
Rated Capacity: 500 mAh (to 1.0 volts)
Based on 100 mA (0.2C) discharge rate
Typical Weight: 12.0 grams
Typical Volume: 3.8 cubic centimeters
Jacket: Plastic Label

Internal Resistance:
The internal resistance of the cell varies with state of charge, as follows:
- Cell Charged: 100 milliohms
- Cell 1/2 Discharged: 120 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
  - 35
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: 0ºC to 40ºC
- Discharge: 0ºC to 50ºC
- Storage: -20ºC to 30ºC
- Humidity: 65±20%

Operating at extreme temperatures, will significantly impact battery cycle life.

Important Notice
This datasheet contains typical information specific to products manufactured at the time of its publication.
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