ENERGIZER NH12-1000

Specifications

Classification: Rechargeable
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: IEC-HR03
Nominal Voltage: 1.2 Volts
Rated Capacity: 1000 mAh (to 1.0 volts)
Based on 200 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:

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>Impedance (milliohms) (Charged Cell)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>35</td>
</tr>
</tbody>
</table>

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 typical information specific to products manufactured at the time of its publication.
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