ENERGIZER NH15-2100

Specifications

Classification: Rechargeable
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: ANSI-1.2H2
Nominal Voltage: 1.2 Volts
Rated Capacity: 2100 mAh* at 21°C (70°F)
Typical Weight: 30.0 grams (1.1 oz.)
Typical Volume: 8.3 cubic centimeters (0.5 cubic inch)
Terminals: Flat Contact
Jacket: Plastic

* Based on 420 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
  - 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:

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>Impedance (milliohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>12</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:

<table>
<thead>
<tr>
<th>Condition</th>
<th>Temperature Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charge</td>
<td>0°C to 40°C (32°F to 104°F)</td>
</tr>
<tr>
<td>Discharge</td>
<td>0°C to 50°C (32°F to 122°F)</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C to 30°C (-4°F to 86°F)</td>
</tr>
<tr>
<td>Humidity</td>
<td>65±20%</td>
</tr>
</tbody>
</table>

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.

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