ENERGIZER NO. NH15

Industry Standard Dimensions in mm (inches)

- 1.45 (0.571)
- 1.35 (0.531)
- 5.50 (0.217)
- 4.20 (0.165)

- 1.00 (0.039)

Minimum

5.05 (0.1988)

4.92 (0.1937)

Description: Rechargeable 1.2V
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: ANSI-1.2H2
Battery Voltage: 1.2 Volts
Average Capacity: 2500 mAh (to 1.0 volts)
(Average Weight: 28.1 grams (1.0 oz.)
Volume: 8.3 cubic centimeters (0.5 cubic inch)
Jacket: Plastic Label

Internal Resistance

The internal resistance of the cell varies with state of charge, as follows:

<table>
<thead>
<tr>
<th>State of Charge</th>
<th>Resistance (milliohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Charged</td>
<td>30</td>
</tr>
<tr>
<td>Cell 1/2 Discharged</td>
<td>40 (±20%)</td>
</tr>
</tbody>
</table>

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>

Note: Above values based on AC current set at 1.0 ampere. Value tolerances are ±20%.

Operating and Storage Temperatures

Ranges of temperature applicable to operation of the NH15 cells are:

- Charge @ 0.1C: 32°F to 122°F (0°C to 50°C)
- Discharge @ 0.1C: -4°F to 122°F (-20°C to 50°C)
- Storage: -40°F to 95°F (-40°C to 35°C)

(6 Months Max.)

Operating at extreme temperature will significantly affect service and cycle life.

Important Notice

This data sheet contains information specific to batteries manufactured at the time of its publication.

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