ENERGIZER NH15-2300 (HR6)

Specifications

- Classification: Rechargeable
- Chemical System: Nickel-Metal Hydride (NiMH)
- Designation: ANSI-1.2H2 IEC-HR6
- Nominal Voltage: 1.2 Volts
- Rated Capacity: 2300 mAh at 21°C (70°F) Based on 460 mA (0.2C) discharge rate
- Typical Weight: 28 grams (0.99 oz.)
- Typical Volume: 8.3 cubic centimeters (0.5 cubic inch)
- Terminals: Flat Contact
- Jacket: Plastic

Industry Standard Dimensions

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.50 (0.571)</td>
<td>13.50 (0.531)</td>
<td>1.00 (0.039)</td>
</tr>
<tr>
<td>13.50 (0.531)</td>
<td>12.50 (0.492)</td>
<td>0.50 (0.020)</td>
</tr>
<tr>
<td>5.50 (0.217)</td>
<td>4.50 (0.177)</td>
<td>0.25 (0.009)</td>
</tr>
<tr>
<td>7.00 (0.276)</td>
<td>6.00 (0.236)</td>
<td>0.00 (0.000)</td>
</tr>
</tbody>
</table>

Internal Resistance:

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

- Cell Charged: 30 milliohms (tolerance of ±20% applies to above values)
- Cell 1/2 Discharged: 40 milliohms

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:

- Charge: 0°C to 40°C (32°F to 104°F)
- Discharge: 0°C to 50°C (32°F to 122°F)
- Storage: -20°C to 30°C (-4°F to 86°F)
- Humidity: 65±20%

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. Contents herein do not constitute a warranty and are for reference only.