ENERGIZER NH15-2300 (HR6)

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

mm (inches)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>14.50 (0.571)</td>
<td>13.50 (0.531)</td>
</tr>
<tr>
<td>Minimum</td>
<td>7.00 (0.276)</td>
<td>5.50 (0.217)</td>
</tr>
</tbody>
</table>

Discharge Characteristics

Typical Performance at 21°C (70°F)

Hours of Discharge

Cell Voltage

- 0.9
- 1.0
- 1.1
- 1.2
- 1.3
- 1.4

Hours of Discharge

Cell Voltage

- 0.9
- 1.0
- 1.1
- 1.2
- 1.3
- 1.4

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.
©Energizer Holdings, Inc. - Contents herein do not constitute a warranty.