**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>
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<tbody>
<tr>
<td>14.50 (0.571)</td>
</tr>
<tr>
<td>13.50 (0.531)</td>
</tr>
<tr>
<td>5.50 (0.217)</td>
</tr>
<tr>
<td>1.00 (0.039)</td>
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<tr>
<td>50.50 (1.988)</td>
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<tr>
<td>49.20 (1.937)</td>
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<tr>
<td>7.00 (0.276)</td>
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**Discharge Characteristics**

Typical Performance at 21°C (70°F)

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

**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:

- **Frequency (Hz):** 1000
- **Impedance (milliohms):** 12
  - (charged cell)
  - 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.**