ENERGIZER NH15-2000 (HR6)

**Specifications**

- **Classification:** Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** ANSI-1.2H2 IEC-HR6
- **Nominal Voltage:** 1.2 Volts
- **Rated Capacity:** 2000 mAh (to 1.0 volts)
- **Typical Weight:** 27 grams (0.95 oz.)
- **Typical Volume:** 8.3 cubic centimeters
- **Jacket:** Plastic Label
- **Internal Resistance:**
  - Cell Charged: 30 milliohms (tolerance of ±20% applies to above values)
  - Cell 1/2 Discharged: 40 milliohms (tolerance of ±20% applies to above values)
- **AC Impedance (No Load):**
  - Frequency (Hz): 1000
  - Impedance (milliohms) (Charged Cell): 12
  - 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
- **Discharge:** 0°C to 50°C
- **Storage:** -20°C to 30°C
- **Humidity:** 65±20%

Operating at extreme temperatures will significantly impact battery cycle life.

**Important Notice**

This datasheet contains information specific to battery chargers manufactured at the time of its publication. Contents herein do not constitute a warranty and are for reference only.

---

**Industry Standard Dimensions**

```
<table>
<thead>
<tr>
<th></th>
<th>mm (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>50.50 (1.988)</td>
</tr>
<tr>
<td>-</td>
<td>49.20 (1.937)</td>
</tr>
<tr>
<td>Minimum</td>
<td>7.00 (0.276)</td>
</tr>
<tr>
<td>Maximum</td>
<td>14.50 (0.571)</td>
</tr>
<tr>
<td></td>
<td>13.30 (0.527)</td>
</tr>
<tr>
<td></td>
<td>5.50 (0.217)</td>
</tr>
<tr>
<td></td>
<td>1.00 (0.039)</td>
</tr>
</tbody>
</table>
```

**Typical Discharge Characteristics**

![Graph showing typical performance at 21°C (70°F)](image)

- **Cell Voltage**
  - 0.9
  - 1.0
  - 1.1
  - 1.2
  - 1.3
  - 1.4

- **Hours of Discharge**
  - 0
  - 3
  - 6
  - 9
  - 12

- **Cell Currents:**
  - 400 mA (0.2C)
  - 200 mA (0.1C)

---

**Form No. NH15-2000GL1118**