**General Information**

**Classification:** Rechargeable  
**Chemical System:** Nickel-Metal Hydride (NiMH)  
**Designation:** IEC-HR6  
**Nominal Voltage:** 1.2 Volts  
**Rated Capacity:** 1300 mAh (to 1.0 volts)  
Based on 400 mA (0.2C) discharge rate  
**Typical Weight:** 22 grams  
**Typical Volume:** 8.3 cubic centimeters  
**Jacket:** Plastic Label

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**Internal Resistance:**

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

<table>
<thead>
<tr>
<th>Cell Charged</th>
<th>Cell 1/2 Discharged</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 milliohms</td>
<td>40 milliohms</td>
</tr>
</tbody>
</table>

(tolerance of ±20% applies to above values)

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**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%.

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**Operating and Storage Temperatures:**

To maintain maximum performance, observe the following general guidelines regarding environmental conditions.

- **Charge:** 0ºC to 40ºC  
- **Discharge:** 0ºC to 50ºC  
- **Storage:** -20ºC to 30ºC  
- **Humidity:** 65±20%

Operating at extreme temperatures will significantly impact battery cycle life.

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**Important Notice**

This datasheet 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.