Specifications

Classification: Rechargeable
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: IEC-HR6
Nominal Voltage: 1.2 Volts
Rated Capacity: 2000 mAh (to 1.0 volts)
Based on 400 mA (0.2C) discharge rate
Typical Weight: 28.0 grams
Typical Volume: 8.3 cubic centimeters
Jacket: Plastic Label

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:

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>Impedance (milliohms) (Charged Cell)</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: 0ºC to 40ºC
Discharge: 0ºC to 50ºC
Storage: -20ºC to 30ºC
Humidity: 65±20%

Operating at extreme temperatures will significantly impact battery cycle life.

Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.
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