Rechargeable AA-2400 (HR6)

Industry Standard Dimensions (mm)

Typical Discharge Characteristics

Typical Performance at 21°C

Specifications

Classification: ACCU Rechargeable
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: IEC-HR6
Nominal Voltage: 1.2 Volts
Rated Capacity:
- 2400 mAh (to 1.0 volts)
- Based on 480 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:

<table>
<thead>
<tr>
<th>State of Charge</th>
<th>Impedance (milliohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Charged</td>
<td>30 milliohms (tolerance of ±20% applies to above values)</td>
</tr>
<tr>
<td>Cell 1/2 Discharged</td>
<td>40 milliohms</td>
</tr>
</tbody>
</table>

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