ENGERGIZER NH15-2500

Specifications

- **Classification:** Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** IEC-HR6
- **Nominal Voltage:** 1.2 Volts
- **Rated Capacity:** 2500 mAh (to 1.0 volts) Based on 500 mA (0.2C) discharge rate
- **Typical Weight:** 28.1 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)</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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