ENGERZIER NH22-175

Specifications

- **Classification:** Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Nominal Voltage:** 8.4 Volts
- **Rated Capacity:** 175 mAh (to 5.5 volts)
- **Based on 35 mA (0.2C) discharge rate**
- **Typical Weight:** 42.0 grams
- **Typical Volume:** 22.0 cubic centimeters
- **Terminals:** Snap
- **Jacket:** Plastic Label

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

- **Cell Charged:** 1000 milliohms
- **Cell 1/2 Discharged:** 1500 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>Cell Charged 1000</td>
</tr>
<tr>
<td></td>
<td>Cell 1/2 Discharged 1500</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.
©Energizer Holdings, Inc. - Contents herein do not constitute a warranty.