**ENERGIZER NH12-900**

**Specifications**

- **Classification:** Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** IEC-HR03
- **Nominal Voltage:** 1.2 Volts
- **Rated Capacity:** 900 mAh (to 1.0 volts)
  
  Based on 180 mA (0.2C) discharge rate
- **Typical Weight:** 12.0 grams
- **Typical Volume:** 3.8 cubic centimeters
- **Jacket:** Plastic Label

**Industry Standard Dimensions**

(millimeters)

<table>
<thead>
<tr>
<th>Maximum</th>
<th>Minimum</th>
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<tbody>
<tr>
<td>10.50</td>
<td>4.30</td>
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<tr>
<td>9.50</td>
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<tr>
<td>3.80</td>
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**Internal Resistance:**

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

- **Cell Charged**
  - 100 milliohms
- **Cell 1/2 Discharged**
  - 120 milliohms

(tolerance of ±20% applies to above values)

**AC Impedance (No Load):**

The impedance of the charged cell varies with frequency, as follows:

- **Frequency (Hz)**
  - 1000
- **Impedance (milliohms)**
  - (Charged Cell)
  - 35

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

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