**ENERGIZER NH12-700 (HR03)**

### Specifications

- **Classification:** Rechargeable
- **Chemical System:** Nickel-Metal Hydride (NiMH)
- **Designation:** ANSI-1.2H1  IEC- HR03
- **Nominal Voltage:** 1.2 Volts
- **Rated Capacity:** 
  700 mAh at 21°C (70°F)
  Based on 140 mA (0.2C) discharge rate
- **Typical Weight:** 11 grams (0.39 oz.)
- **Typical Volume:** 3.8 cubic centimeters (0.2 cubic inch)
- **Terminals:** Flat Contact
- **Jacket:** Plastic

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

<table>
<thead>
<tr>
<th>State of Charge</th>
<th>Resistance (milliohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Charged</td>
<td>100</td>
</tr>
<tr>
<td>Cell 1/2 Discharged</td>
<td>120</td>
</tr>
</tbody>
</table>

(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>35</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 (32°F to 104°F)
- **Discharge:** 0°C to 50°C (32°F to 122°F)
- **Storage:** -20°C to 30°C (-4°F to 86°F)
- **Humidity:** 65±20%

**NOTE:** Operating at extreme temperatures will significantly impact battery cycle life.

### Important Notice
This data sheet contains typical information specific to products manufactured at the time of its publication.
Contents herein do not constitute a warranty and are for reference only.