ENERGIZER XR92
ECO ADVANCED

Specifications

Classification: Alkaline
Chemical System: Zinc-Manganese Dioxide (Zn/MnO$_2$)
Designation: ANSI-24A, IEC-LR03
Nominal Voltage: 1.5 volts
Nominal IR: 150 to 300 milliohms (fresh)
Operating Temp: -18°C to 55°C (0°F to 130°F)
Typical Weight: 11.9 grams (0.4 oz.)
Typical Volume: 3.8 cubic centimeters (0.2 cubic inch)
Jacket: Plastic Label
Shelf Life: 12 years at 21°C
Terminal: Flat Contact

Industry Standard Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>4.30 (0.169) mm</td>
<td>10.50 (0.413) mm</td>
</tr>
<tr>
<td>Diameter</td>
<td>0.80 (0.031) mm</td>
<td>3.80 (0.150) mm</td>
</tr>
</tbody>
</table>

Milliamp-Hours Capacity

Continuous discharge to 0.8 volts at 21°C

Constant Power Performance

Typical Characteristics (21°C)

<table>
<thead>
<tr>
<th>Service (hours)</th>
<th>0.9 Volts</th>
<th>1.0 Volts</th>
<th>1.2 Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>10.0</td>
<td>1.0</td>
<td>0.9</td>
</tr>
<tr>
<td>1000</td>
<td>1.0</td>
<td>0.8</td>
<td>0.7</td>
</tr>
</tbody>
</table>

Constant Current Performance

Typical Characteristics (21°C)

<table>
<thead>
<tr>
<th>Service (hours)</th>
<th>0.8 Volts</th>
<th>1.0 Volts</th>
<th>1.2 Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>1000</td>
<td>1000</td>
<td>1000</td>
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</tr>
</tbody>
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Important Notice

This data sheet contains typical information specific to products manufactured at the time of its publication. Physical values are for reference purposes and not intended for specific calculations.

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**Constant Power Performance**
Discharge Characteristics (21°C)

![Graph](image1)

**Constant Current Performance**
250 mA Discharge (-20°C / 0°C / 21°C)

![Graph](image2)

**Industry Standard Tests** (21°C)

**LIGHTING**
5.1 ohm LIF

![Graph](image3)

**REMOTE**
24 ohm 15 sec/min 8 hrs/day

![Graph](image4)

**Tape-Game-Digital Audio**
100 mA 1 hr/day

![Graph](image5)

**PhotoFlash**
600 mA 10 sec/min 1 hr/day

![Graph](image6)

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