ENERGIZER L92
Ultimate Lithium

Industry Standard Dimensions

mm (inches)

Classification: "Cylindrical Lithium"
Chemical System: Lithium/Iron Disulfide (Li/FeS₂)
Designation: ANSI 24-LF, IEC-FR03
Nominal Voltage: 1.5 Volts
Compatible With: E92, NH12, 1212
Storage Temp: -40°C to 60°C (-40°F to 140°F)
Operating Temp: -40°C to 60°C (-40°F to 140°F)*
Typical Weight: 7.6 grams (0.3 oz.)
Typical Volume: 3.8 cubic centimeters (0.2 cubic inch)
Max Discharge: 1.5 Amps Continuous
Max Reversal Current: 2 uA
Lithium Content: Less than 1 gram
Typical IR: 140 to 180 milliohms (depending on method)
Shelf Life: 20 years at 21°C
Shipping: Please refer to PSDS Document
Certifications:

*All data shown tested at 21°C unless otherwise stated.

Milliamp-Hours Capacity
Constant Current Discharge to 0.8 Volts

Discharge Profile
Constant Current Discharge

Temperature Effects on Capacity
Constant Current Discharge

Important Notice
This datasheet 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.
**Internal Resistance Profile**

Cell Ohmic Resistance

```
<table>
<thead>
<tr>
<th>Discharge Capacity (mAh)</th>
<th>Resistance (ohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0.80</td>
</tr>
<tr>
<td>400</td>
<td>0.60</td>
</tr>
<tr>
<td>800</td>
<td>0.40</td>
</tr>
<tr>
<td>1200</td>
<td>0.20</td>
</tr>
<tr>
<td>1600</td>
<td>0.10</td>
</tr>
</tbody>
</table>
```

**Pulse Response**

Open Circuit Voltage - 100/500/1k mA Pulse

(E92 AAA alkaline shown for comparison)

**Application Tests**

**Constant Power Performance**

Typical Characteristics to 0.8 Volts

```
<table>
<thead>
<tr>
<th>Service (hours)</th>
<th>Discharge (mW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10000</td>
</tr>
<tr>
<td>10</td>
<td>10000</td>
</tr>
<tr>
<td>100</td>
<td>10000</td>
</tr>
<tr>
<td>1000</td>
<td>10000</td>
</tr>
</tbody>
</table>
```

**Constant Current Performance**

Typical Characteristics to 0.8 Volts

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<table>
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</table>
```

**Industry Standard Tests**

**Remotes**

- ELECTRONIC GAME / DIGITAL AUDIO
  - 100 mA 1 hr/day
  - 24 ohm 15 sec/min 8 hrs/day

**Audio**

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

**Photoflash**

- 600 mA 10 sec/min 1 hr/day

**Portable Lighting**

- 5.1 ohm LIF

**Digital Stills**

- DIGITAL STILL CAMERA (DSC)
  - .9W/.4W 2/28 sec 10x per hour

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