**ENERGIZER L92**

**Ultimate Lithium**

**Specifications**

- **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
- **Certifications:**

  - Warning: 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.

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>Maximum</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.80 (0.150)</td>
<td>10.50 (0.413)</td>
<td>0.80 (0.031)</td>
</tr>
<tr>
<td>4.30 (0.169)</td>
<td>44.50 (1.752)</td>
<td>43.30 (1.705)</td>
</tr>
</tbody>
</table>

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

**Milliamp-Hours Capacity**

- **Constant Current Discharge to 0.8 Volts**

  - **AAA Lithium**
  - **AAA Alkaline**

  ![Graph of Milliamp-Hours Capacity](image)

**Discharge Profile**

- **Constant Current Discharge**

  - **1 mA**
  - **10 mA**
  - **100 mA**

![Graph of Discharge Profile](image)

**Temperature Effects on Capacity**

- **Constant Current Discharge**

  - **25 mA**
  - **250 mA**
  - **1000 mA**

![Graph of Temperature Effects on Capacity](image)

**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.
**ENERGIZER L92**

### Internal Resistance Profile
**Cell Ohmic Resistance**

![Graph](https://via.placeholder.com/150)

Discharge Capacity (mAh) vs. Resistance (ohms)

(E92 AAA alkaline shown for comparison)

### Pulse Response
**Open Circuit Voltage - 100/500/1k mA Pulse**

![Graph](https://via.placeholder.com/150)

Time (milliseconds) vs. Voltage (volts)

### Constant Power Performance
**Typical Characteristics to 0.8 Volts**

![Graph](https://via.placeholder.com/150)

Service (hours) vs. Discharge (mW)

### Constant Current Performance
**Typical Characteristics to 0.8 Volts**

![Graph](https://via.placeholder.com/150)

Service (hours) vs. Discharge (mA)

### Application Tests

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

![Graph](https://via.placeholder.com/150)

Service (hours) vs. Voltage (CCV)

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

**AUDIO**

**PHOTOFASH**
- 600 mA 10 sec/min 1 hr/day

**PORTABLE LIGHTING**
- 5.1 ohm LIF

**LIGHTING**

### Industry Standard Tests

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

![Graph](https://via.placeholder.com/150)

Service (minutes) vs. Voltage (CCV)

**DIGITAL STILL CAMERA (DSC)**
- 1.2/.65 mW 2/.1/27.9 sec 10x per hour

![Graph](https://via.placeholder.com/150)

Service (minutes) vs. Voltage (CCV)

### 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.