**ENERGIZER LN92**

**Industrial**

### Industry Standard Dimensions

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>3.80</td>
<td>(0.150)</td>
</tr>
<tr>
<td>Minimum</td>
<td>4.30</td>
<td>(0.169)</td>
</tr>
<tr>
<td>10.50</td>
<td>(0.413)</td>
<td></td>
</tr>
<tr>
<td>09.50</td>
<td>(0.374)</td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>(0.031)</td>
<td></td>
</tr>
</tbody>
</table>

### General Information

- **Classification:** Primary 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 (single battery only)
- **Max Rev Current:** 2 µA
- **Lithium Content:** Less than 1 gram
- **Typical IR:** 140 to 180 milliohms (depending on method)
- **Shelf Life:** 20 years at 21°C
- **Certifications:** Please refer to PSDS Document

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

### Milliamp-Hours Capacity

**Constant Current Discharge to 0.8 Volts**

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

### Discharge Profile

**Constant Current Discharge**

- 1 mA
- 10 mA
- 100 mA

### Temperature Effects on Capacity

**Constant Current Discharge**

- 25 mA
- 250 mA
- 1000 mA

### 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

- **Discharge Capacity (mAh)**
  - **Resistance (ohms)**
  - **0** 0.00 0.20 0.40 0.60 0.80
  - **0** 400 800 1200 1600

**Pulse Response**

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

(E92 AAA alkaline shown for comparison)

**Constant Power Performance**

Typical Characteristics to 0.8 Volts

- **Service (hours)**
  - **Discharge (mW)**
  - **10000** 10000 1000 100 10 1

**Constant Current Performance**

Typical Characteristics to 0.8 Volts

- **Service (hours)**
  - **Discharge (mA)**
  - **10000** 10000 1000 100 10 1

**Application Tests**

- **ELECTRONIC GAME / DIGITAL AUDIO**
  - 100 mA 1 hr/day
  - 24 ohm 15 sec/min 8 hrs/day
  - **Voltage (CCV)**
    - **0** 0.8 1.0 1.2 1.4 1.6
  - **Service (hours)**
    - **0** 6 12 18 24

**REMOTE**

- **24 ohm 15 sec/min 8 hrs/day
  - **Audio**
  - **Voltage (CCV)**
    - **0** 0.8 1.0 1.2 1.4 1.6
  - **Service (hours)**
    - **0** 6 12 18 24

**Industry Standard Tests**

- **DIGITAL STILL CAMERA (DSC)**
  - 0.9W/.4W 2/28 sec 10x per hour
  - **Voltage (CCV)**
    - **0** 0.8 1.0 1.2 1.4 1.6
  - **Service (minutes)**
    - **0** 75 150 225 300

**PHOTOF IASH**

- 600 mA 10 sec/1 min 1 hr/day
- **Voltage (CCV)**
  - **0** 0.8 1.0 1.2 1.4 1.6
  - **Service (hours)**
    - **0** 2 4 6

**PORTABLE LIGHTING**

- 5.1 ohm LIF
- **Voltage (CCV)**
  - **0** 0.8 1.0 1.2 1.4 1.6
  - **Service (hours)**
    - **0** 30 60 90 120 150

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