**ENERGIZER LN91**

**Industrial**

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
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<tbody>
<tr>
<td>14.50 (0.571)</td>
</tr>
<tr>
<td>13.70 (0.539)</td>
</tr>
<tr>
<td>1.00 (0.039)</td>
</tr>
</tbody>
</table>

**Typical Weight:**
15 grams (0.5 oz.)

**Typical Volume:**
8.0 cubic centimeters (0.49 cubic inch)

**Max Discharge:**
2.5 amps continuous

**Typical IR:**
120 to 240 milliohms (depending on method)

**Shelf Life:**
20 years at 21°C

**Certifications:**
- Ex ia IIC Ga
- Baseefa 14ATEX0107U

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**General Information**

**Classification:** Primary Lithium

**Chemical System:** Lithium/Iron Disulfide (Li/FeS$_2$)

**Designation:** ANSI 15-LF, IEC-FR14505 (FR6)

**Nominal Voltage:** 1.5 Volts

**Sizing Compatibility:** E91 NH15 1215

**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:** 15 grams (0.5 oz.)

**Typical Volume:** 8.0 cubic centimeters (0.49 cubic inch)

**Max Discharge:** 2.5 amps continuous

**Lithium Content:** Less than 1 gram

**Typical IR:** 120 to 240 milliohms (depending on method)

**Certifications:**
- Ex ia IIC Ga
- Baseefa 14ATEX0107U

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**More Details:**
- On-Line Catalog-Application Manual (Li/FeS$_2$)

**Shipping:**
Please refer to PSDS Document

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**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 - Dual Pulse Method

**Typical Characteristics to 0.8 Volts**

**Pulse Response**

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

**Constant Power Performance**

Typical Characteristics to 0.8 Volts

**Application Tests**

REMOTE/RADIO/CLOCK
50 mA 1 hr/8 hrs day

**Constant Current Performance**

Typical Characteristics to 0.8 Volts

**Application Tests**

REMOTE/RADIO/CLOCK
50 mA 1 hr/8 hrs day

**Application Tests**

PORTABLE LIGHTING
3.3 ohm LIF

TOY
3.9 ohm 1 hr/day

**Industry Standard Tests**

PERSONAL GROOMING
750 mA 2 min/hr 8 hrs/day

DIGITAL CAMERA
1.5/.65K mW 2/1/27.9s 10X

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