**Specifications**

**Classification:** "Cylindrical Primary Lithium"

**Chemical System:** Lithium/Iron Disulfide (Li/FeS₂)

**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

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

**Lithium Content:** Less than 1 gram

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

**Shelf Life:** 20 years at 21°C

**More Details:** On-Line Catalog-Application Manual (Li/FeS₂)

**Shipping:** Please refer to SDS Document

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

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.50</td>
<td>(0.571)</td>
</tr>
<tr>
<td>13.70</td>
<td>(0.539)</td>
</tr>
<tr>
<td>1.00</td>
<td>(0.039)</td>
</tr>
<tr>
<td>5.50</td>
<td>(0.217)</td>
</tr>
<tr>
<td>50.50</td>
<td>(1.988)</td>
</tr>
<tr>
<td>49.50</td>
<td>(1.949)</td>
</tr>
<tr>
<td>0.10</td>
<td>(0.004)</td>
</tr>
<tr>
<td>7.00</td>
<td>(0.276)</td>
</tr>
</tbody>
</table>

**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**

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**PRODUCT DATASHEET**

**ENERGIZER L91**

**Internal Resistance Profile**
Cell Ohmic Resistance - Dual Pulse Method

![Graph showing internal resistance profile]

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

![Graph showing pulse response]

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

![Graph showing constant power performance]

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

![Graph showing constant current performance]

**Application Tests**
REMOTE/RADIO/CLOCK
50 mA 1 hr/8 hrs day

![Graph showing application tests for remote/radio/clock]

**Application Tests**
CD/GAMES
250 mA 1 hr/day

![Graph showing application tests for cd/games]

**Application Tests**
DIGITAL AUDIO
100 mA 1 hr/day

![Graph showing application tests for digital audio]

**Application Tests**
PORTABLE LIGHTING
3.3 ohm LIF

![Graph showing application tests for portable lighting]

**Application Tests**
TOY
3.9 ohm 1 hr/day

![Graph showing application tests for toy]

**Industry Standard Tests**
PERSONAL GROOMING
750 mA 2 min/hr 8 hrs/day

![Graph showing industry standard tests for personal grooming]

**Industry Standard Tests**
DIGITAL CAMERA
1.5/.65K mW 2/.1/27.9s 10X

![Graph showing industry standard tests for digital camera]

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