**ENERGIZER EA91**
Advanced Lithium

### Industry Standard Dimensions

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>Maximum</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.50 (0.217)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.50 (0.571)</td>
<td></td>
<td></td>
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<tr>
<td>13.50 (0.531)</td>
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<td></td>
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<tr>
<td>1.00 (0.039)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.10 (0.004)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.00 (0.276)</td>
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</tbody>
</table>

This battery has Underwriters Laboratories component recognition (MH29980).

### Specifications

- **Classification:** "Cylindrical Lithium"
- **Chemical System:** Lithium/Iron Disulfide (Li/FeS₂)
- **Designation:** ANSI 15-LF, IEC-FR6
- **Nominal Voltage:** 1.5 Volts
- **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:** 14.5 grams (0.5 oz.)
- **Typical Volume:** 8.0 cubic centimeters (0.5 cubic inch)
- **Max Discharge:**
  - 1.5 Amps Continuous (single battery only)
  - 2.0 Amps Pulse (2 sec on / 8 sec off)
- **Max Rev Current:** 2 uA
- **Typical Li Content:** Less than 1 gram
- **Typical IR:** 120 to 150 milliohms (depending on method)
- **Shelf Life:** 10 years at 21°C
- **Transportation:**
  - For complete details, please reference: Special Provision A45 of the International Air Transport Association Dangerous Goods Regulations
  - United States: 49 CFR 173.185

### Constant Current Performance

Typical Characteristics to 1.0 Volts at 21°C

![Graph showing constant current performance](image)

### Constant Power Performance

Typical Characteristics to 1.0 Volts at 21°C

![Graph showing constant power performance](image)

### Application Tests

Typical Characteristics at 21°C

- **CD/GAMES**
  - 250 mA 1 hr/day
  - Voltage (CCV)
  - Service (hours)
  - 1.6
  - 1.4
  - 1.2
  - 1.0
  - 0.8
  - CD/GAMES
  - DIGITAL AUDIO
- **DIGITAL AUDIO**
  - 100 mA 1 hr/day
  - Voltage (CCV)
  - Service (hours)
  - 1.6
  - 1.4
  - 1.2
  - 1.0
  - 0.8
  - CD/GAMES
  - DIGITAL AUDIO

### Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.

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