**Engineering Data**

**ENERGIZER NO. E91**

Dimensions (mm)

<table>
<thead>
<tr>
<th>Millimeters</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>0.004</td>
</tr>
<tr>
<td>1.0</td>
<td>0.039</td>
</tr>
<tr>
<td>5.5</td>
<td>0.217</td>
</tr>
<tr>
<td>13.5</td>
<td>0.531</td>
</tr>
<tr>
<td>14.5</td>
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<tr>
<td>46.5</td>
<td>1.831</td>
</tr>
<tr>
<td>48.8</td>
<td>1.921</td>
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<tr>
<td>49.2</td>
<td>1.937</td>
</tr>
<tr>
<td>50.5</td>
<td>1.988</td>
</tr>
</tbody>
</table>

**Chemical System:** Zinc-Manganese Dioxide (ZnMnO₂)

**Designation:** ANSI-15A, IEC-LR6

**Battery Voltage:** 1.5 Volts

**Average Weight:** 23 grams (0.8 oz.)

**Volume:** 8.1 cubic centimeters (0.5 cubic inch)

**Average Service capacity (to 0.8 Volts / cell):** 2850 mAh
(Rated Capacity at 25 mA continuous drain)

**Cell:** One No. 3-315 (size “AA”)

**Jacket:** Plastic Label

**Temperature Effects**

**Typical Service to 0.8 Volts**

![Graph showing temperature effects on typical service]

**Constant Resistance Discharge**

**Typical Service**

![Graph showing constant resistance discharge]

**Constant Current Discharge**

**Typical Service**

![Graph showing constant current discharge]
Typical Applications

**Radio**
43 ohms 4 hours / day

**Recorder**
10 ohms 1 hour / day

**Toy**
3.9 ohms 1 hour / day

**Pulse**
1.8 ohms 15 sec / day 24 hrs / day

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**Important Notice**

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.

Form No. EBC - 1102E