**ENERGIZER E91**

**Specifications**

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO₂)
- No added mercury or cadmium
- **Designation:** ANSI-15A, IEC-LR6
- **Nominal Voltage:** 1.5 volts
- **Nominal IR:** 150 to 300 milliohms (fresh)
- **Operating Temp:** -18°C to 55°C (0°F to 130°F)
- **Typical Weight:** 23.0 grams (0.8 oz.)
- **Typical Volume:** 8.1 cubic centimeters (0.5 cubic inch)
- **Jacket:** Plastic Label
- **Shelf Life:** 10 years at 21°C
- **Terminal:** Flat Contact

**Industry Standard Dimensions**

- **mm (inches):**
  - 14.50 (0.571)
  - 13.50 (0.531)
  - 5.50 (0.217)
  - 1.00 (0.039)
- **Max:** 50.50 (1.988)
- **Min:** 49.50 (1.949)

**Milliamp-Hours Capacity**

Continuous discharge to 0.8 volts at 21°C

<table>
<thead>
<tr>
<th>Discharge (mA)</th>
<th>Capacity (mAh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>3000</td>
</tr>
<tr>
<td>100</td>
<td>2000</td>
</tr>
<tr>
<td>250</td>
<td>1000</td>
</tr>
<tr>
<td>500</td>
<td>500</td>
</tr>
</tbody>
</table>

**Industry Standard Tests (21°C)**

- **RADIO/CLOCK**
  - 50 mA 1 HR ON / 7HR OFF TO 1V
- **CD/GAMES**
  - 250 mA 1 hr/day
- **DIGITAL AUDIO**
  - 100 mA 1 hr/day
- **PERSONAL GROOMING**
  - 750 mA 2 min/hr 8 hrs/day
- **PORTABLE LIGHTING**
  - 3.9 ohm LIF
- **TOY**
  - 3.9 ohm 1 hr/day

**DIGITAL CAMERA**

1.5K/.65K mW 2./1./27.9s 10x

**Important Notice**

This data sheet 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.