**ENERGIZER EN91**

**Specifications**

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO₂)
- **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**

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

**Milliamp-Hours Capacity**

Continuous discharge to 0.8 volts at 21°C

<table>
<thead>
<tr>
<th>Capacity (mAh)</th>
<th>Discharge (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>25</td>
</tr>
<tr>
<td>2500</td>
<td>100</td>
</tr>
<tr>
<td>2000</td>
<td>250</td>
</tr>
<tr>
<td>1500</td>
<td>500</td>
</tr>
<tr>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>500</td>
<td>5000</td>
</tr>
</tbody>
</table>

**Important Notice**

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

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**Constant Power Performance**
Discharge Characteristics (21°C)

**Constant Current Performance**
250 mA Discharge (-20°C / 0°C / 21°C)

**Industry Standard Tests (21°C)**

- **REMOTE**
  - 24 ohm
  - 15 sec/min
  - 8 hrs/day

- **RADIO**
  - 43 ohm
  - 4 hrs/day

- **PORTABLE LIGHTING**
  - 3.3 ohm LIF

- **TOY**
  - 3.9 ohm
  - 1 hr/day

- **CD/GAMES**
  - 250 mA
  - 1 hr/day

- **TAPE PLAYER**
  - 100 mA
  - 1 hr/day

- **DIGITAL CAMERA**
  - 1.5K/.65K mW
  - 2/28 sec - 10x hr

- **PHOTOFLASH**
  - 1K mA
  - 10 sec/min
  - 1 hr/day

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