ENERGIZER EN93

General Information

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO$_2$)
- **Designation:** ANSI-14A, IEC-LR14
- **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:** 66 grams
- **Typical Volume:** 27 cubic centimeters
- **Shelf Life:** 10 years at 21°C
- **Terminal:** Flat Contact

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.20 (1.031)</td>
<td></td>
</tr>
<tr>
<td>24.90 (0.980)</td>
<td></td>
</tr>
<tr>
<td>7.50 (0.295)</td>
<td></td>
</tr>
<tr>
<td>1.50 (0.059)</td>
<td>Minimum</td>
</tr>
<tr>
<td>5.00 (1.969)</td>
<td></td>
</tr>
<tr>
<td>4.860 (1.913)</td>
<td></td>
</tr>
<tr>
<td>13.00 (0.512)</td>
<td>Minimum</td>
</tr>
</tbody>
</table>

**Milliamp-Hours Capacity**

Continuous discharge to 0.8 volts at 21°C

![Graph showing milliamp-hours capacity](image)

**Industry Standard Tests (21°C)**

**Lighting**
- 3.9 ohm LIF

![Graph showing light testing](image)

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

![Graph showing toy testing](image)

**Portable Stereo**
- 400 mA 2 hrs/day

![Graph showing stereo testing](image)

**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.