**ENERGIZER EN93**

**Industrial**

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>26.20 (1.031)</th>
<th>24.90 (0.980)</th>
<th>7.50 (0.295)</th>
<th>1.50 (0.059)</th>
<th>50.00 (1.969)</th>
<th>48.30 (1.899)</th>
<th>13.00 (0.512)</th>
</tr>
</thead>
</table>

**General Information**

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO₂)
- **No added mercury or cadmium**
- **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:** 66.2 grams (2.3 oz.)
- **Typical Volume:** 26.9 cubic centimeters (1.6 cubic inch)
- **Jacket:** Plastic Label
- **Shelf Life:** 10 years at 21°C
- **Terminal:** Flat Contact

**Milliamp-Hours Capacity**

Continuous discharge to 0.8 volts at 21°C

**Industry Standard Tests (21°C)**

- **Lighting**
  - 3.9 ohm HIF
  - Voltage (CCV) vs. Service (hours)

- **Toy**
  - 3.9 ohm 1 hr/day
  - Voltage (CCV) vs. Service (hours)

- **Portable Stereo**
  - 400 mA 2 hrs/day
  - Voltage (CCV) vs. Service (hours)

**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.