Energizer 13 size - Mercury Free

**Specifications**

- **Chemical System:** Zinc Air (Zn/O₂)
- **Tab Color:** Orange
- **Designation:** ANSI-7000ZD, IEC-PR48
- **Nominal Voltage:** 1.4 Volts
- **Typical Capacity:** 280 mAh (to 0.9 volts)
  (Rated at 1.5k ohms at 21°C/50% RH)
- **Typical Weight:** 0.8 grams (0.03 oz.)
- **Typical Volume:** 0.03 cubic centimeters (0.02 cubic inch)

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Diameter</td>
<td>3.00 (0.118)</td>
<td>mm/in</td>
</tr>
<tr>
<td>Typical Diameter</td>
<td>1.35R (0.053)</td>
<td>mm/in</td>
</tr>
<tr>
<td>Minimum Height</td>
<td>0.38 (0.015)</td>
<td>mm/in</td>
</tr>
<tr>
<td>Maximum Height</td>
<td>5.40 (0.213)</td>
<td>mm/in</td>
</tr>
<tr>
<td>Minimum Weight</td>
<td>5.00 (0.197)</td>
<td>mm/in</td>
</tr>
</tbody>
</table>

**Typical Discharge Characteristics**

**IEC Industry Standards / Standard Test Protocol**
(6/2 mA .1s/1h59m59.9s 12 HR/DY @ 21°C)

- Operating Voltage vs. Service, Hours
- **IEC Industry Standards / High Drain Test Protocol**
(12/3 mA .1s/1h59m59.9s 12 HR/DY @ 21°C)

- Operating Voltage vs. Service, Hours

**Important Notice**

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