**ENERGIZER X22**

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>Dimension (mm)</th>
<th>(inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Center</td>
<td>17.50 (0.689)</td>
</tr>
<tr>
<td>Positive End</td>
<td>15.50 (0.610)</td>
</tr>
<tr>
<td>Negative Center</td>
<td>12.95 (0.510)</td>
</tr>
<tr>
<td>Negative End</td>
<td>12.45 (0.490)</td>
</tr>
<tr>
<td>Length</td>
<td>46.40 (1.827)</td>
</tr>
<tr>
<td>Diameter</td>
<td>24.50 (0.965)</td>
</tr>
</tbody>
</table>

**Specifications**

- **Classification:** Alkaline
- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO$_2$)
- **Designation:** ANSI-1604A, IEC-6LR61
- **Nominal Voltage:** 9.0 volts
- **Operating Temp:** -18°C to 55°C (0°F to 130°F)
- **Typical Weight:** 45.6 grams (1.6 oz.)
- **Typical Volume:** 21.1 cubic centimeters (1.3 cubic inch)
- **Jacket:** Metal
- **Shelf Life:** 5 years at 21°C (80% of initial capacity)
- **Terminal:** Miniature Snap

**Millamp-Hours Capacity**

Continuous discharge to 4.8 volts at 21°C

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**Device Selection Guide:**

- **High Drain Devices**
  - Toy
  - Baby Monitor
  - Garage Opener
  - Clock Radio
  - Smoke Detector

- **Moderate Drain Devices**

- **Low Drain Devices**

**Important Notice**

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

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ENERGIZER X22

Constant Resistance Performance
Typical Characteristics (21°C)

Constant Current Performance
Typical Characteristics (21°C)

Industry Standard Tests (21°C)

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