ENGERGIZER 522

Industry Standard Dimensions

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>-</th>
<th>+</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.95 (0.510)</td>
<td>26.50 (1.043)</td>
<td>17.50 (0.689)</td>
</tr>
<tr>
<td>12.45 (0.490)</td>
<td>24.50 (0.965)</td>
<td>15.50 (0.610)</td>
</tr>
<tr>
<td>46.40 (1.827)</td>
<td>48.50 (1.909)</td>
<td>46.50 (1.831)</td>
</tr>
</tbody>
</table>

Specifications

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

Milliamp-Hours Capacity

Continuous discharge to 4.8 volts at 21°C

Device Selection Guide:

- Toy
- Baby Monitor
- Garage Opener
- Clock Radio
- Smoke Detector

Battery Selection Indicator

- **High Drain Devices**
- **Moderate Drain Devices**
- **Low Drain Devices**
ENGERGIZER 522

**Constant Resistance Performance**

Typical Characteristics (21°C)

<table>
<thead>
<tr>
<th>Discharge (ohms)</th>
<th>Service (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>1000</td>
</tr>
</tbody>
</table>

- 6.0 Volts
- 4.8 Volts

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**Constant Current Performance**

Typical Characteristics (21°C)

<table>
<thead>
<tr>
<th>Discharge (mA)</th>
<th>Service (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>100</td>
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<td>100</td>
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</tr>
</tbody>
</table>

- 6.0 Volts
- 4.8 Volts

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**Industry Standard Tests** (21°C)

**RADIO**

620 ohm 2 hrs/day

- Voltage (CCV) vs Service (hours)

**TOY**

270 ohm 1 hr/day

- Voltage (CCV) vs Service (hours)

**ACCELERATED SMOKE DETECTOR**

10K/620 ohm 1 sec/hr pulse

- Voltage (CCV) vs Accelerated Service (days)

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Pack Quantity : 1
Manufacturers Part Number : E300115900

Pack Quantity : 2
Manufacturers Part Number : E300115800