**ENERGIZER NO. 504**

Industry Standard Dimensions in mm (inches)

- **Diameter:** 6.40 (0.252) Diam. Minimum
- **Positive End:** 15.10 (0.594)
- **Negative End:** 13.90 (0.547)
- **Minimum:** 0.40 (0.016)

**Chemical System:** Zinc-Manganese Dioxide (Zn/MnO2)

**Designation:** ANSI / NEDA-220, IEC-10F15

**Battery Voltage:** 15 Volts

**Average Weight:** 15.1 grams (0.5 oz.)

**Volume:** 8 cubic centimeters (0.5 cubic inch)

**Average Capacity:** 60 mAh to 0.8 volts/cell (Rated at 25 mA continuous drain at 21°C)

**Cells:** Ten No. 110 in series

**Jacket:** Metal

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**TYPICAL DISCHARGE CURVE**

Simulated Test @ 21°C (70°F)

![Graph showing discharge curve]

**Schedule:** 4 hours/day

**Typical Drain@ 12V:** 0.4 mA

**Load:** 30,000 ohms

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**Simulated Application Test**

Estimated Average Service at 21°C (70°F)

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Typical Drains at 12V (milliamperes)</th>
<th>Load (ohms)</th>
<th>Cutoff Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4</td>
<td>30,000</td>
<td>8V 97V 10V 11V 12V 13V</td>
</tr>
<tr>
<td>Hours</td>
<td>235 222 205 180 132 60</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.8</td>
<td>15,000</td>
<td>110 103 95 84 63 14</td>
</tr>
</tbody>
</table>

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**Important Notice**

This data sheet contains information specific to batteries manufactured at the time of its publication.

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