Engineering Data

**EVEREADY NO. EN165A**

- **Chemical System:** Zinc-Manganese Dioxide (Zn/MnO₂)
- **Designation:** ANSI / NEDA-1500A, IEC-5LR52
- **Battery Voltage:** 7.5 Volts
- **Typical Weight:** 31.5 grams (1.1 oz.)
- **Volume:** 12.9 cubic centimeters (0.8 cubic inch)
- **Average Service capacity (to 3.6 Volt):** 335 mAh
  (Rated Capacity at 500 ohms continuous at 20°C)
- **Cell:** Five No. 640A-P in series

**Dimensions (mm):**

<table>
<thead>
<tr>
<th>Millimeters</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>0.020</td>
</tr>
<tr>
<td>7.00</td>
<td>0.276</td>
</tr>
<tr>
<td>16.50</td>
<td>0.650</td>
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<tr>
<td>17.10</td>
<td>0.673</td>
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<tr>
<td>54.45</td>
<td>2.144</td>
</tr>
<tr>
<td>56.15</td>
<td>2.211</td>
</tr>
</tbody>
</table>

**TYPICAL DISCHARGE CHARACTERISTICS**

**Simulated Test at 21°C (70°F)**

- **Typical Drains Cutoff Voltage**
  - **6.25V:** 12.5 milliamperes
  - **4.5V:** 500 ohms
  - **24 hours/day:** 28 hours

**IMPORTANT NOTICE**

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.

Form No. EBC - 1217B