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

**Designation:** (Previously) ANSI / NEDA-1605

**Battery Voltage:** 9.0 Volts

**Average Weight:** 168 grams (5.9 oz.)

**Volume:** 126 cubic centimeters (7.7 cubic inch)

**Average Capacity:** 2500 mAh to 0.8 volts/cell

(Rated at 25 mA continuous drain at 21°C)

**Cells:** Twenty Four No. 117 - Four parallel strings of six in series

**Jacket:** Paper

### Industry Standard Dimensions

**mm (inches)**

- 46.00 (1.811) x 44.90 (1.752) x 19.20 (0.756) x 18.90 (0.744)

- 63.00 (2.480) x 61.50 (2.427) x 60.20 (2.375) x 57.90 (2.280)

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**Typical Discharge Curve**

Simulated Test @ 21°C (70°F)

- **Schedule:** 4 hours/day
- **Typical Drain @ 7.2V:** 9.6 mA
- **Load:** 750 ohms

**Closed Circuit Voltage**

<table>
<thead>
<tr>
<th>Service, Hours</th>
<th>0</th>
<th>50</th>
<th>100</th>
<th>150</th>
<th>200</th>
<th>250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed Circuit Voltage</td>
<td>10.2</td>
<td>9.0</td>
<td>7.8</td>
<td>6.6</td>
<td>5.4</td>
<td>4.2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Typical Drains at 7.2V (milliamperes)</th>
<th>Load (ohms)</th>
<th>Cutoff Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule: 4 hours/day</td>
<td>9.6</td>
<td>750</td>
</tr>
<tr>
<td>Load: 750 ohms</td>
<td>243</td>
<td>240</td>
</tr>
</tbody>
</table>

**4.2V 4.8V 5.4V 6.0V 6.6V 7.2V**

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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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