EVEREADY HS14196

Industry Standard Dimensions

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

Designation: ANSI / NEDA-205C, IEC-30R6

Battery Voltage: 22.5, 45 Volts

Average Weight: 508 grams (18 oz.)

Volume: 469 cubic centimeters (28.6 cubic inch)

Average Capacity: 950 mAh at 1.3 volts (Rated at 25 mA continuous drain at 21°C)

Cells: Thirty No. 15 (size 'AA') in series

Jacket: Paper

TYPICAL DISCHARGE CURVE
Simulated Test @ 21°C (70°F)

Schedule: 4 hours/day

Typical Drain @ 36V: 3.6 mA

Load: 10,000 ohms

Cutoff Voltage

<table>
<thead>
<tr>
<th>Current (mA)</th>
<th>2V</th>
<th>3V</th>
<th>3.3V</th>
<th>3.6V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 hours</td>
<td>100</td>
<td>90</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>4 hours/day</td>
<td>50</td>
<td>45</td>
<td>27</td>
<td>18</td>
</tr>
</tbody>
</table>

Simulated Application Test
Estimated Average Service at 21°C (70°F)

Typical Drains

<table>
<thead>
<tr>
<th>Schedule:</th>
<th>Typical Drains at 36V (milliamperes)</th>
<th>Load (ohms)</th>
<th>Cutoff Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 hours/day</td>
<td>3.6</td>
<td>10,000</td>
<td>300 255 175 100</td>
</tr>
<tr>
<td>4 hours/day</td>
<td>7.2</td>
<td>5,000</td>
<td>140 120 72 50</td>
</tr>
<tr>
<td>4 hours/day</td>
<td>14.4</td>
<td>2,500</td>
<td>54 45 27 18</td>
</tr>
</tbody>
</table>

Schedule:
1 second ON, 4 seconds rest
1 second ON, 4 seconds rest
1 second ON, 3 cycles / day
intervals of 3, 3, and 18 hours
5 days / week

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Cutoff Amperage

2A 2.5A 3A

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

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