EVEREADY 505

Industry Standard Dimensions

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

Designation: ANSI / NEDA-221, IEC-15F15

Battery Voltage: 22.5 Volts

Average Weight: 21.8 grams (0.8 oz.)

Volume: 12 cubic centimeters (0.7 cubic inch)

Average Capacity: 60 mAh to 0.8 volts/cell

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

Cells: Fifteen No. 110 in series

Jacket: Metal

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

Schedule: 4 hours/day

Typical Drain @ 18V: 0.8 mA

Load: 22,000 ohms

Service, Hours

Closed Circuit Voltage

<table>
<thead>
<tr>
<th>Hours</th>
<th>12V</th>
<th>13.5V</th>
<th>15V</th>
<th>16.5V</th>
<th>18V</th>
<th>19.5V</th>
</tr>
</thead>
<tbody>
<tr>
<td>235</td>
<td>222</td>
<td>205</td>
<td>180</td>
<td>132</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>103</td>
<td>95</td>
<td>84</td>
<td>63</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Schedule:</th>
<th>Typical Drains at 18V (milliamperes)</th>
<th>Load (ohms)</th>
<th>Cutoff Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 hours/day</td>
<td>0.4</td>
<td>45,000</td>
<td>12V 13.5V 15V 16.5V 18V 19.5V</td>
</tr>
<tr>
<td>4 hours/day</td>
<td>0.8</td>
<td>22,000</td>
<td></td>
</tr>
</tbody>
</table>

Important Notice
This data sheet contains information specific to batteries manufactured at the time of its publication. Contents herein do not constitute a warranty.

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