**EVEREADY 732**

**Chemical System:** Zinc-Manganese Dioxide (Zn/MnO$_2$)  
(No Added Mercury or Cadmium)

**Designation:** ANSI-926

**Battery Voltage:** 12 Volts

**Operating Temp:** -18ºC to 55ºC (0ºF to 130ºF)

**Average Weight:** 1,200 grams (42.5 oz.)

**Volume:** 1,182 cubic centimeters (72 cubic inch)

**Average Capacity:** 7.5 Ah to 0.6 volts / cell  
(Rated at 25k ohms continuous at 21ºC)

**Cell:** Eight No. 60 (size "F") in series

**Terminals:** Screw Post

**Jacket:** Plastic

**INTERNAL RESISTANCE VS. TEMPERATURE**
The measurement is an approximation of the battery's actual internal resistance. It is sensitive to the loads and operator technique.

**Schedule:**
- Background Load 600 ohms
- Pulse Load 10 ohms
- Pulse Duration 1 second

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Typical Ri (ohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45ºC (113ºF)</td>
<td>2</td>
</tr>
<tr>
<td>21ºC (70ºF)</td>
<td>2.1</td>
</tr>
<tr>
<td>0ºC (32ºF)</td>
<td>2.4</td>
</tr>
<tr>
<td>-21ºC (-6ºF)</td>
<td>24.0</td>
</tr>
</tbody>
</table>

**CONSTANT RESISTANCE PERFORMANCE**

**Typical Service**

<table>
<thead>
<tr>
<th>Service, Hours</th>
<th>Discharge Resistance, Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>1000</td>
<td>1000</td>
</tr>
</tbody>
</table>

- 6.0 Cutoff Voltage
- 8.8 Cutoff Voltage
- 10.4 Cutoff Voltage

**CONSTANT CURRENT DISCHARGE**

**Typical Service**

<table>
<thead>
<tr>
<th>Service Hours</th>
<th>Discharge Current, mA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>1000</td>
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</tr>
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</table>

- 6.0 Cutoff Voltage
- 8.4 Cutoff Voltage
- 10.4 Cutoff Voltage

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*Contents herein do not constitute a warranty and are for reference only.*
Typical Applications

**INTERMITTENT LIGHTING TEST**
- **Typical Drain @9.6V:** 300 mA
- **Load:** 32 ohms
- **Schedule:** 30 min. ON, 30 min. OFF - 8 hours/day

**ANSI LIGHTING TEST**
- **Typical Drain @9.6V:** 533 mA
- **Load:** 18 ohms
- **Schedule:** 30 min. ON, 30 min. OFF - 8 hours/day

**PORTABLE LIGHTING TEST**
- **Typical Drain @9.6V:** 533 mA
- **Load:** 18 ohms

**CONTINUOUS LIGHTING TEST**
- **Typical Drain @9.6V:** 600 mA
- **Load:** 16 ohms

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