ENGERGIZER NO. 396

Industry Standard Dimensions in mm (inches)

DESIGNED FOR USE ON CONTINUOUS LOW DRAIN
HIGH PULSE DRAIN ON DEMAND

Chemical System: Silver Oxide (Zn/Ag,0)

Designation: ANSI / NEDA-1163SO, IEC-SR59

Battery Voltage: 1.55 Volts

Average Weight: 0.51 grams (0.018 oz.)

Volume: 0.13 cubic centimeters (0.008 cubic inch)

Average Capacity: 32 mAh to 1.3 volts
(Rated at 45k ohms continuous at 21ºC)

Closed circuit voltage no less than 1.10 volts on a load of 100 ohms at 21ºC (70ºF) for 0.1 to 2.0 seconds.

Typical closed circuit voltage during discharge on a load of 200 ohms for 5.0 seconds.

Simulated Application Test
Estimated Average Service at 21ºC (70ºF)

<table>
<thead>
<tr>
<th>Schedule:</th>
<th>Typical Drains at 1.55V (milliamperes)</th>
<th>Load (ohms)</th>
<th>Cutoff Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 hours/day</td>
<td>0.034</td>
<td>45,000</td>
<td>1.3V</td>
</tr>
</tbody>
</table>

INTERNAL RESISTANCE: Closed circuit voltage no less than 1.10 volts on a load of 100 ohms at 21ºC (70ºF) for 0.1 to 2.0 seconds.

Typical closed circuit voltage during discharge on a load of 200 ohms for 5.0 seconds.

Depth of Discharge as Percent of Rated Capacity

<table>
<thead>
<tr>
<th>Temperature</th>
<th>0%</th>
<th>40%</th>
<th>80%</th>
</tr>
</thead>
<tbody>
<tr>
<td>21ºC (70ºF)</td>
<td>1.53V</td>
<td>1.33V</td>
<td>1.29V</td>
</tr>
<tr>
<td>-10ºC (14ºF)</td>
<td>1.13V</td>
<td>0.83V</td>
<td>0.75V</td>
</tr>
</tbody>
</table>

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

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