ENERGIZER L91-FR6

SPECIFICATIONS

Classification: "Cylindrical Lithium"
Chemical System: Lithium/Iron Disulfide (Li/FeS2)
Designation: IEC-FR6
Nominal Voltage: 1.5 Volts
Storage Temp: -40°C to 60°C
Operating Temp: -40°C to 60°C
Typical Weight: 14.5 grams
Typical Volume: 8.0 cubic centimeters
Max Discharge: 2.0 Amps Continuous
Typical Li Content: 0.98 grams
Max Rev Current: 2 uA
Typical IR: 90 to 150 milliohms*
Shelf Life: 15 years at 21°C (90% of rated capacity)

Transportation: For complete details, please reference:
Special Provision A45 of the International Air Transport Association Dangerous Goods Regulations

* For additional information, please reference the IR technical white paper

Industry Standard Dimensions (millimeters)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Minimum</th>
<th>Typical</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>13.50</td>
<td>0.10</td>
<td>14.50</td>
</tr>
<tr>
<td>Height</td>
<td>1.00</td>
<td>7.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Milliamp-Hours Capacity

Constant Current Discharge to 0.9 Volts at 21°C

<table>
<thead>
<tr>
<th>Discharge (mA)</th>
<th>Capacity (mAh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>3000</td>
</tr>
<tr>
<td>250</td>
<td>3000</td>
</tr>
<tr>
<td>500</td>
<td>3000</td>
</tr>
<tr>
<td>1000</td>
<td>3000</td>
</tr>
</tbody>
</table>

Milliwatt-Hours Capacity at Cold/Room Temperature

Recommended Lithium Operating/Storage Temperature: -40°C to 60°C

<table>
<thead>
<tr>
<th>Discharge (mW)</th>
<th>Capacity (mWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>4000</td>
</tr>
<tr>
<td>250</td>
<td>4000</td>
</tr>
<tr>
<td>500</td>
<td>4000</td>
</tr>
<tr>
<td>1000</td>
<td>4000</td>
</tr>
</tbody>
</table>

Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.

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Typical Discharge Curve Characteristics
Constant Current Discharge at 21°C (low and high drains)

Low Drain Performance
50mA Continuous (21°C)

High Drain Performance
1000mA Continuous (21°C)

Constant Power Performance
Typical Characteristics to 1.0 Volts (21°C)

Constant Current Performance
Typical Characteristics to 1.0 Volts (21°C)

Application Tests (21°C)
REMOTE 24 ohm 15 sec/min 8 hrs/day
RADIO 43 ohm 4 hrs/day

Application Tests (21°C)
TOOTHBRUSH 500 mA 2/13 min 24 hrs/day
PORTABLE LIGHTING 3.3 ohm 1 hr/day
TOY 3.9 ohm 1 hr/day

Application Tests (21°C)
DIGITAL CAMERA 1.5/.65K mW 2/.1/27.9s 10X
PHOTOFLASH 1K mA 10 sec/1 min 1 hr/day

Industry Standard Tests (21°C)
DIGITAL CAMERA 1.5/.65K mW 2/.1/27.9s 10X

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