# LITHIUM MANGANESE DIOXIDE: CR26500

## Characteristics

<table>
<thead>
<tr>
<th>Chemistry:</th>
<th>Lithium Thionyl Chloride Li SocI2 Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (10mA-2.0v)</td>
<td>5400mAh</td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>3.0v</td>
</tr>
<tr>
<td>Max. constant current</td>
<td>2000mA</td>
</tr>
<tr>
<td>Max. pulse current</td>
<td>3000mA</td>
</tr>
<tr>
<td>Weight</td>
<td>10g</td>
</tr>
<tr>
<td>Volume</td>
<td>26.0X 50.0mm</td>
</tr>
<tr>
<td>Workable temperature</td>
<td>-40 ~ +60°C</td>
</tr>
</tbody>
</table>

## Key Characteristics

- High and stable operating voltage
- Low self-discharge rate (less than 3% after 1 year storage at 25°C)
- Operating temperature (-40°C~+60°C)
- Hermetic glass-to-metal sealing
- Nickel-plated steel container
- Organic electrolyte
- Spiral type
- UL (MH48131), CE
- ISO9001:2008 approved

### Warning

- Fire, explosion and severe burn hazard.
- Do not recharge, crush, disassemble, heat, above 212°F (100°C), incinerate, short circuit or expose contents to water.
- Do not reverse the positive and negative pole of battery while using it.
- Do not solder directly on the battery.
- Dispose of used batteries promptly.

### Main Applications

- Utility meters (electricity meters, water meters, gas meters)
- Security systems (door lockers, smoke alarm sensors, detectors)
- CMOS memory and RTC backup
- Vehicle tracking
- Industrial clocks
- Sea buoys, remote monitoring systems, industrial clocks
- Military electronics

Note: Any information here is for reference only. Information is also dependent on actual conditions of use does not guarantee future performance. And subject to change.

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LITHIUM MANGANESE DIOXIDE: CR26500

Available terminations:
- /P axial pins
- T/PT2 radial pins
- /PT/TP polarized tabs

Available terminations can be made as requested.

Voltage vs Temperature

Discharge Characteristics

Storage Characteristics

Capacity vs Current

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