Primary lithium-thionyl chloride (Li-SOCl₂)

**ER14250M**

### Key Features
- High and stable operating voltage
- Wide operating temperature range (-55°C ~ +85°C) / (-67°F ~ +185°F)
- Low self-discharge rate (less than 2% after 1 year of storage at +20°C)
- Stainless steel container and cap
- Hermetic glass-to-metal sealing
- Non-restricted for transport

### Electrical Characteristics
Typical values relative to cells stored for one year or less at +25°C max.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Voltage</td>
<td>3.6V</td>
</tr>
<tr>
<td>Nominal Capacity</td>
<td>850mAh</td>
</tr>
<tr>
<td>Max. Recommended Continuous Current</td>
<td>200mA</td>
</tr>
<tr>
<td>Max. Pulse Current</td>
<td>400mA</td>
</tr>
</tbody>
</table>

### Storage (Recommended)
+20°C ~ +25°C

### Operating Temperature Range
-55°C ~ +85°C

### Main Applications
- Radiocommunication and other military applications
- Alarms and security systems
- Beacons and emergency location transmitters
- GPS
- Metering systems
- Tracking systems
- GSM communication

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Note: Information above just for your reference, more details please contact Green Energy Battery Co., Ltd.
Performance

Typical discharge characteristic at 23°C

Voltage vs Temperature

Capacity vs Current

Available Terminations
- Tag1 (radial tabs)
- 2P, 3P, 3P-RP, 3P-S, 3P-S-RP (radial pins)
- AX (axial leads)
- Connector, Flying Leads...etc.

Warnings
- Fire, explosion and burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C (212°F), incinerate, or expose contents to water.
- Do not solder directly to the cell (use tabbed cell versions instead).
- Do not overdischarge, end voltage is 2.0V.

Storage
- The storage area should be clean, cool (preferably not exceeding +25°C), dry and ventilated.

Note: Information above just for your reference, more details please contact Green Energy Battery Co., Ltd.