Primary lithium-thionyl chloride(Li-SOCl₂)

ER14505

**Electrical Characteristics**

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

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>Nominal Voltage</strong></td>
<td>3.6V</td>
</tr>
<tr>
<td><strong>Nominal Capacity</strong></td>
<td>2600mAh</td>
</tr>
<tr>
<td><strong>Max. Recommended Continuous Current</strong></td>
<td>100mA</td>
</tr>
<tr>
<td><strong>Max. Pulse Current</strong></td>
<td>200mA</td>
</tr>
<tr>
<td><strong>Storage (Recommended)</strong></td>
<td>+20°C ~ +25°C</td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-55°C ~ +85°C</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>Max. 14.5mm</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>Max. 51mm</td>
</tr>
<tr>
<td><strong>Typical Weight</strong></td>
<td>Approx. 20g</td>
</tr>
<tr>
<td><strong>Li Metal Content</strong></td>
<td>Approx. 0.7g</td>
</tr>
</tbody>
</table>

**Key Features**

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

**Main Applications**

- Utility metering
- Automatic meter reading
- Tollgate systems
- Alarms and security devices
- Memory back-up
- Tracking systems
- Automotive electronics
- Professional electronics

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.