Lithium Thionyl Chloride Battery
Brief Datasheet Model: ER26500M

1. Basic Specification (Typical values relative to cells stored for one year or less at +30°C Max.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Parameters</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>ER26500M,C Power</td>
<td>Power type</td>
</tr>
<tr>
<td>Nominal Capacity(mAh)</td>
<td>6500</td>
<td>at 10mA ±23°C, 2.0V cut-off</td>
</tr>
<tr>
<td>Nominal Voltage(V)</td>
<td>3.6</td>
<td>3.65V-3.67V</td>
</tr>
<tr>
<td>Standard discharge current(mA)</td>
<td>10.0</td>
<td></td>
</tr>
<tr>
<td>Maximum continuous current(mA)</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Maximum pulse current(mA)</td>
<td>2000</td>
<td></td>
</tr>
<tr>
<td>Operating temperature range(℃)</td>
<td>-55~+85</td>
<td></td>
</tr>
<tr>
<td>Storage temperature (recommended)</td>
<td>+30°C Max.</td>
<td></td>
</tr>
<tr>
<td>Weight(g)</td>
<td>53</td>
<td>Customized a variety of JST/MOLEX/ORTHER etc. connector, terminal, Please contact HJBP engineer.</td>
</tr>
</tbody>
</table>

*The power type is spiral structure and best suit for medium-large current discharge.
*It may require depassivation before medium currents can be delivered.

2. Electrical Characteristics and Dimension

![Graph 1](image1)

![Graph 2](image2)
3. Key feature

- High and stable operating voltage.
- Stainless steel container
- Non-flammable electrolyte
- Hermetic glass-to-metal sealing
- Low self discharge rate (less than 1% after 1 year of storage at +25°C)
- UL1642, CE certification, UN38.3, MSDS/SGS/ROHS test report, ISO19001 quality control system

4. Main applications

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

5. Warning

*Please Keep away Fire, explosion and severe burn hazard.
*Please Do not recharge, crush, disassemble, heat above 100°C.
*Please Do not solder directly to cell.

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