Lithium Thionyl Chloride Battery
Brief Data-sheet Model: ER341245

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>ER341245,DD</td>
<td>Energy type</td>
</tr>
<tr>
<td>Nominal Capacity(mAh)</td>
<td>36000</td>
<td>at 2mA ±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>2.0</td>
<td></td>
</tr>
<tr>
<td>Maximum continuous current(mA)</td>
<td>420</td>
<td></td>
</tr>
<tr>
<td>Maximum pulse current(mA)</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>Operating temperature range(°C)</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>200</td>
<td>Customized a variety of JST/ MOLEX/ OROTHER etc. connector, terminal, Please contact HJBP engineer.</td>
</tr>
</tbody>
</table>

*Energy type is bobbin structure and best suit for low current discharge.

*It may require depassivation before medium currents can be delivered.

2. Electrical Characteristics and Dimension
3. Key feature

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

4. Main applications

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

5. Warning

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

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