Lithium Thionyl Chloride Battery
Brief Datasheet Model: ER14250S

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>ER14250S,1/2AA</td>
<td>High temperature type</td>
</tr>
<tr>
<td>Nominal Capacity(mAh)</td>
<td>500</td>
<td>at 50mA ±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>50.0</td>
<td></td>
</tr>
<tr>
<td>Maximum continuous current(mA)</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Maximum pulse current(mA)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Operating temperature range(°C)</td>
<td>-20~+150</td>
<td></td>
</tr>
<tr>
<td>Storage temperature(recommended)</td>
<td>+30°C Max.</td>
<td></td>
</tr>
<tr>
<td>Weight(g)</td>
<td>10.0</td>
<td></td>
</tr>
</tbody>
</table>

Customized a variety of JST/MOLEX/ORTHER etc. connector, terminal. Please contact HJB engineer.

*High temperature type include 125°C, 150°C, 165°C, and recommend suit for low current and medium current discharge.

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

2. Electrical Characteristics and Dimension

![Graph of ER14250S battery performance](https://www.huajubattery.com)
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°C)
★ 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°C.
* Please Do not solder directly to cell.

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