



## Lithium Thionyl Chloride Battery Brief Datasheet Model: ER12130S150

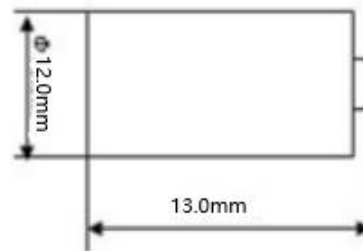
### 1. Basic Specification (Typical values relative to cells stored for one year or less at +30°C Max.)

| Item   | Parameters  | Remark                      |
|--|-------------|-----------------------------|
| Model  | ER12130S150 | High temperature type       |
| Nominal Capacity(mAh)  | 100         | at 1mA +150°C, 2.0V cut-off |
| Nominal Voltage(V)   | 3.6         | 3.65V-3.67V                 |
| Standard discharge current (mA)  | 1           |                             |
| Maximum continuous current(mA)   | 10          |                             |
| Maximum pulse current(mA)  | 30          |                             |
| Operating temperature range(°C)  | 20~+150     |                             |
| Storage temperature(recommended)   | +30°C Max.  |                             |
| Weight(g)  | 4.0         |                             |
| <b>Customized</b> a variety of JST/MOLEX/ORTHER etc. connector , terminal, Please contact HJBP 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



### 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 reporter, 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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