



## Lithium Thionyl Chloride Battery Brief Datasheet Model: ER2450

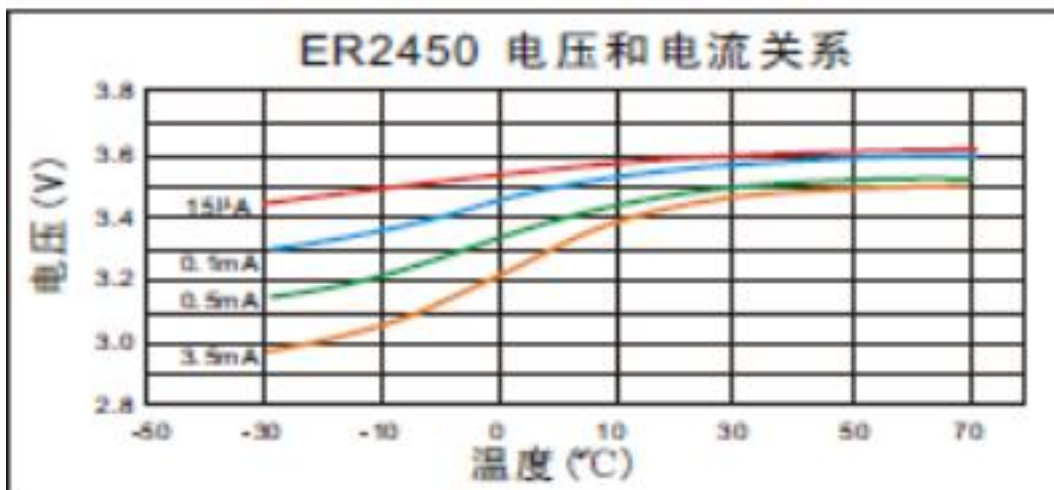
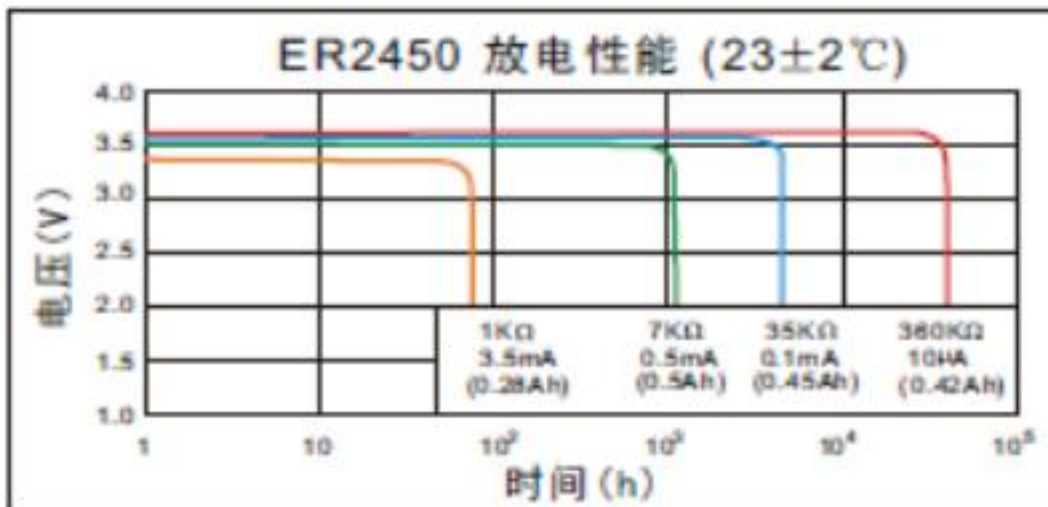
### 1. Basic Specification (Typical values relative to cells stored for one year or less at +30°C Max.)

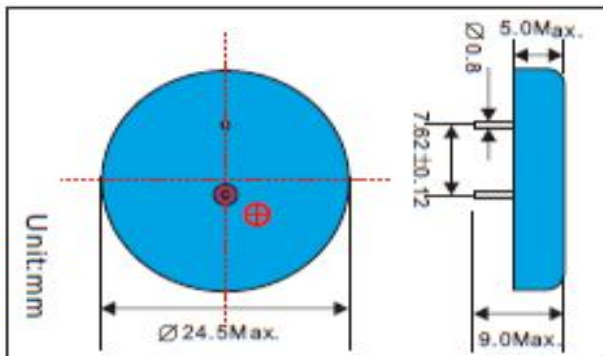
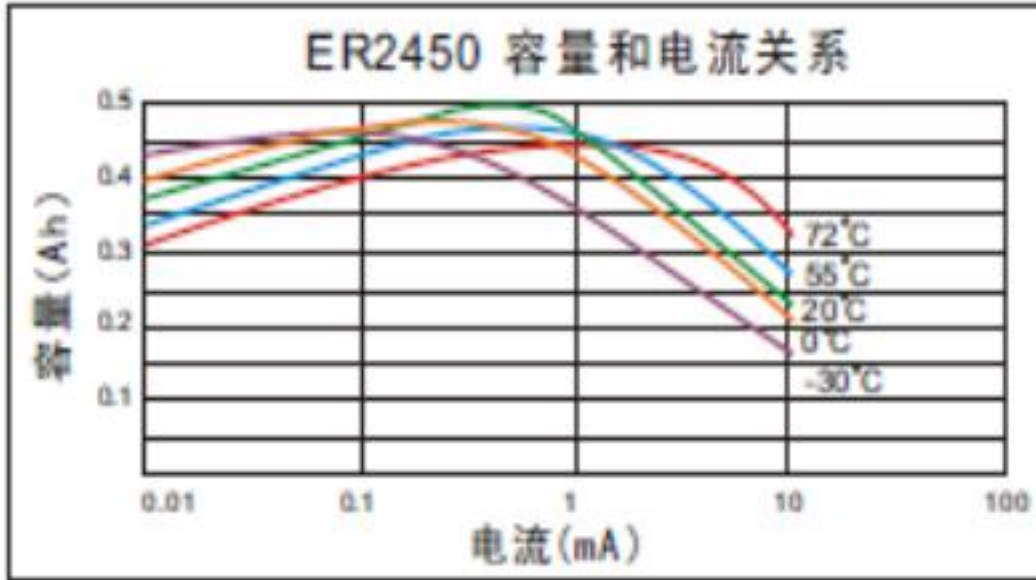
| Item  | Parameters | Remark                       |
|---|------------|------------------------------|
| Model   | ER2450     | Energy type, Coin type       |
| Nominal Capacity(mAh)   | 500        | at 0.5mA ±23°C, 2.0V cut-off |
| Nominal Voltage(V)  | 3.6        | 3.65V-3.67V                  |
| Standard discharge current (mA)   | 0.5        |                              |
| Maximum continuous current(mA)  | 4          |                              |
| Maximum pulse current(mA)   | 10         |                              |
| Operating temperature range(°C)   | -55~+85    |                              |
| Storage temperature(recommended)  | +30°C Max. |                              |
| Weight(g)   | 10.0       |                              |
| Customized a variety of JST/MOLEX/ORTHER etc. connector , terminal, Please contact HJBP engineer. |            |                              |

\*Coin(Button) 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-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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