



## Lithium Thionyl Chloride Battery Brief Datasheet Model: ER17505M

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

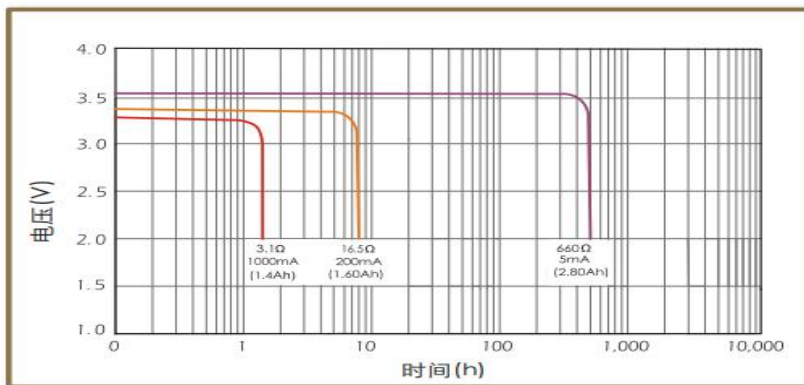
Item	Parameters	Remark
Model	ER17505M	Power type
Nominal Capacity(mAh)	2800	at 3mA ±23°C, 2.0V cut-off
Nominal Voltage(V)	3.6	3.65V-3.67V
Standard discharge current (mA)	3.0	
Maximum continuous current(mA)	400	
Maximum pulse current(mA)	1600	
Operating temperature range(°C)	-55~+85	
Storage temperature(recommended)	+30°C Max.	
Weight(g)	23	
Customized a variety of JST/MOLEX/ORTHER etc. connector , terminal, Please contact HJBP engineer.		

\*The power type is spiral structure and best suit for medium-large current discharge.

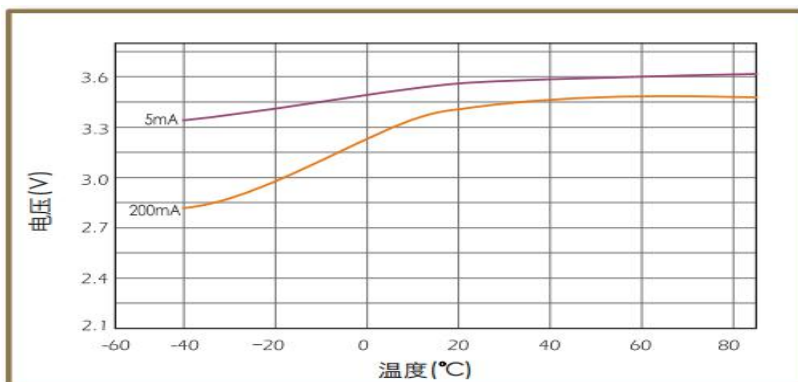
\*It may require depassivation before medium currents can be delivered.

### 2. Electrical Characteristics and Dimension

#### Voltage VS time

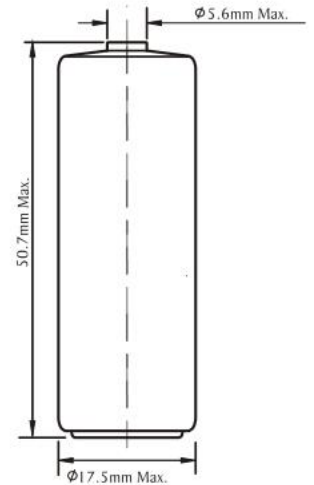
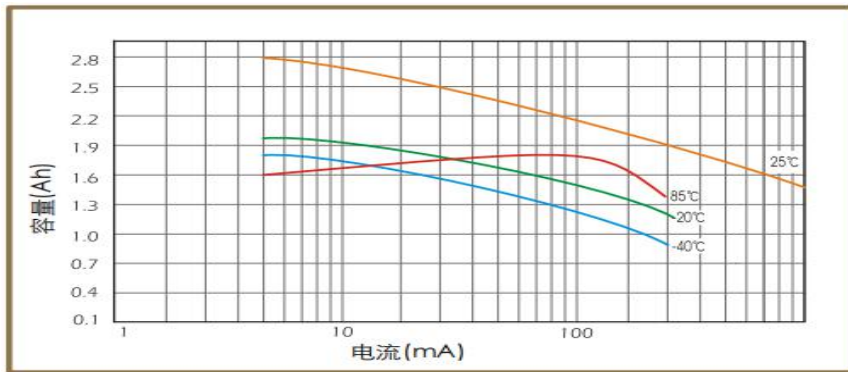


#### Voltage VS Temperature

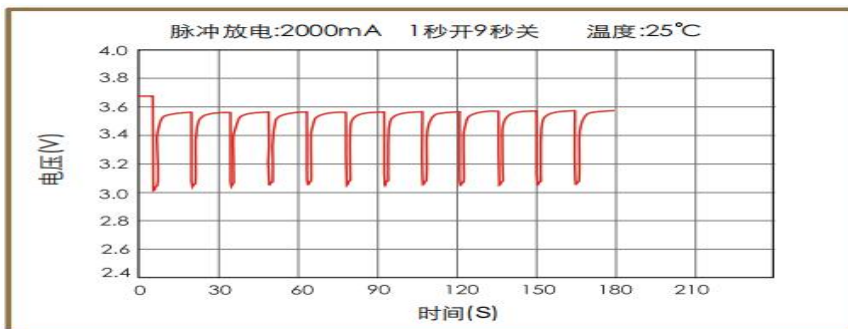




## Capacity VS Current



## Pulse current VS time



## 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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