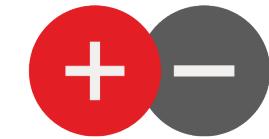




# ER14250

**Lithium Thionyl Chloride Battery [Bobbin Type]**  
**Li/SOCl<sub>2</sub> 3.6V**



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## • Electrical Specification

### Nominal Capacity[0.5mA~2V]

The discharge capacity of battery depends on the environment temperature and the terminated voltage of the battery.

1.2Ah

### Nominal Voltage

3.6V

### Maximum Continuous Current

20mA

### Maximum Pulse Current

50mA

Under temperature of 23±2°C, the battery starts to discharge with 5µA base current. The battery releases one pulse 50mA/0.1secs every 2 minutes during its discharging and the battery voltage shall not be less than 2.7V. The voltage value depends on pulse characteristics, temperature and the usage of the batteries.

### Weight

11g

### Operating Temperature

-55°C ~ +85°C

## • Advantages

- High energy density over 620wh/kg [highest among all the chemical batteries]
- Open circuit voltage ≥ 3.65V, and operating voltage ranging from 3.3~3.6V
- Wide operating temperature range: -55°C ~ +85°C
- Long storage life over 10 years [under normal room temperature]
- Suitable to operate under long-term tiny current with stable voltage

## • Main Applications



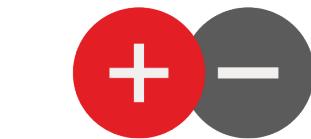
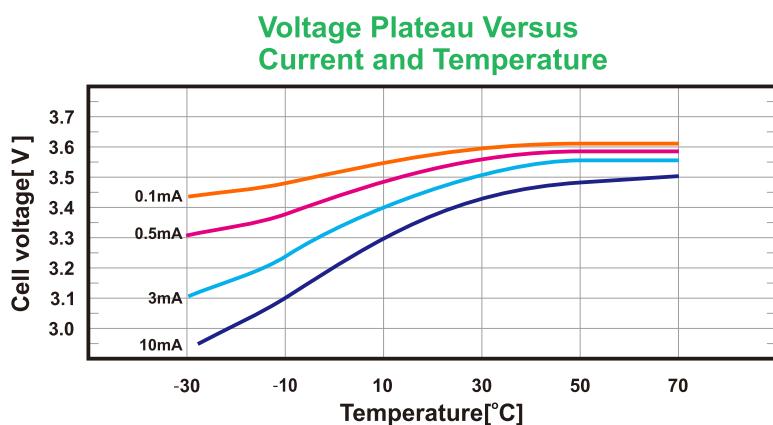
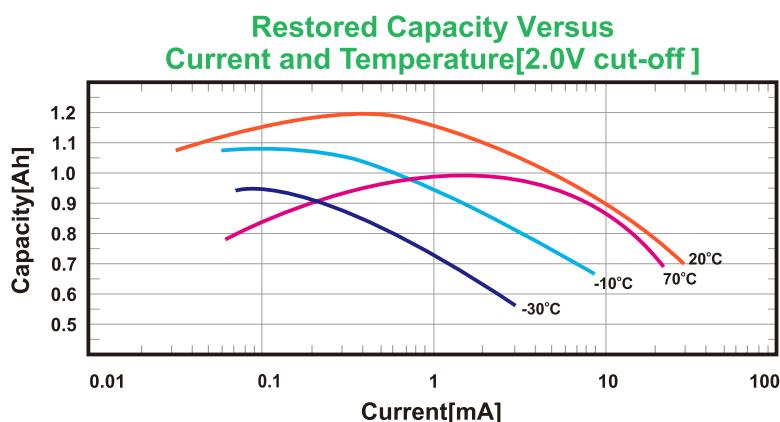
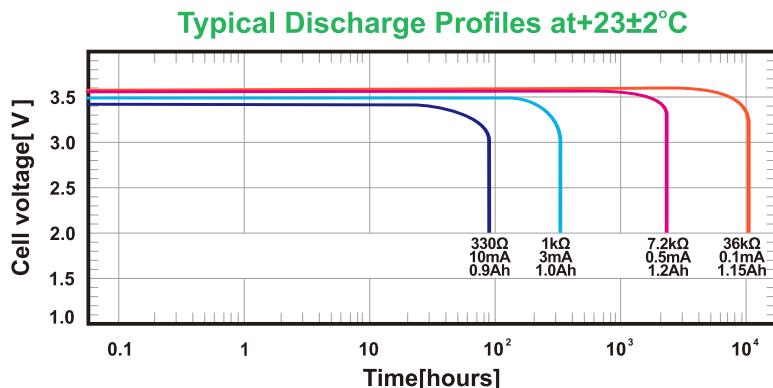
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**Customer Satisfaction is the Purpose We Always Adhere to,  
 Continuous Improvement is the Direction We Always Pursue!**



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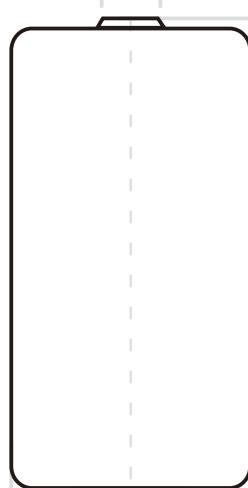
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**4.4Max**



25.2Max

14.5Max

- Available Terminations**

- S: Standard Termination
- T: Solder Tabs
- P: Axial Pins
- Customized terminations are available

- Warning**

- Do not expose the battery to open flame, inflammable and explosive articles.
- Do not recharge, short-circuit, disassemble, incinerate the battery or heat the battery to more than 100°C.
- Do not use the battery beyond the permitted temperature range.



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