



Lithium Thionyl Chloride Battery Brief Datasheet Model: ER14505M

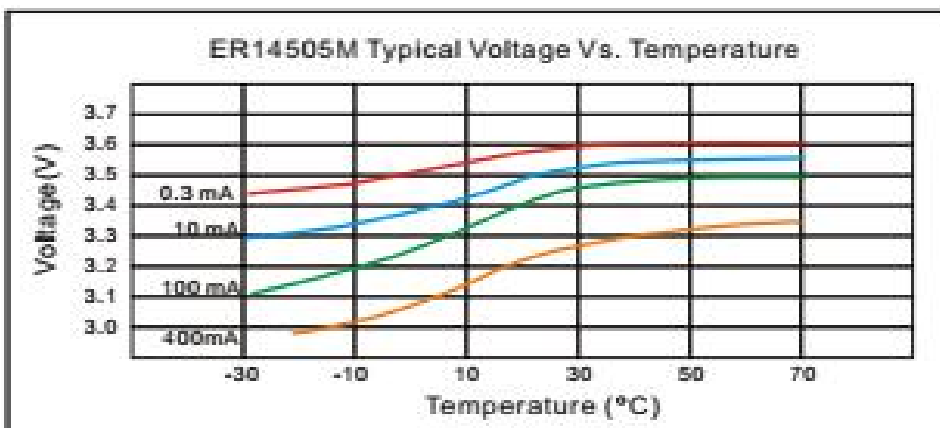
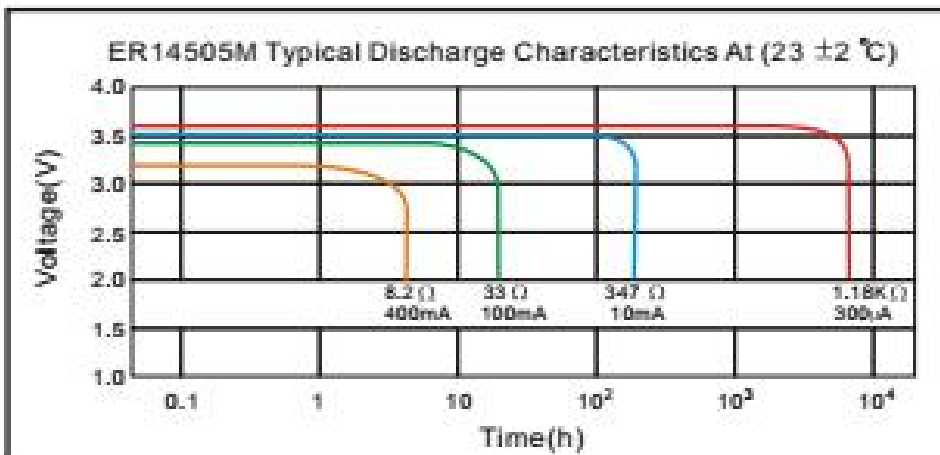
1. Basic Specification (Typical values relative to cells stored for one year or less at +30°C Max.)

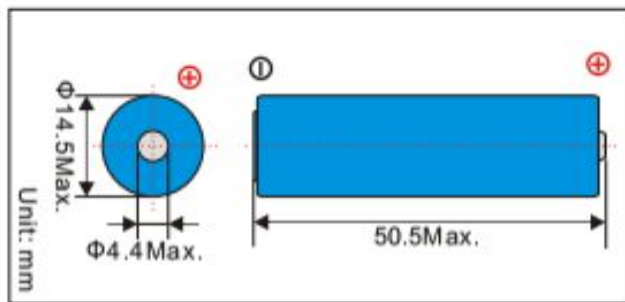
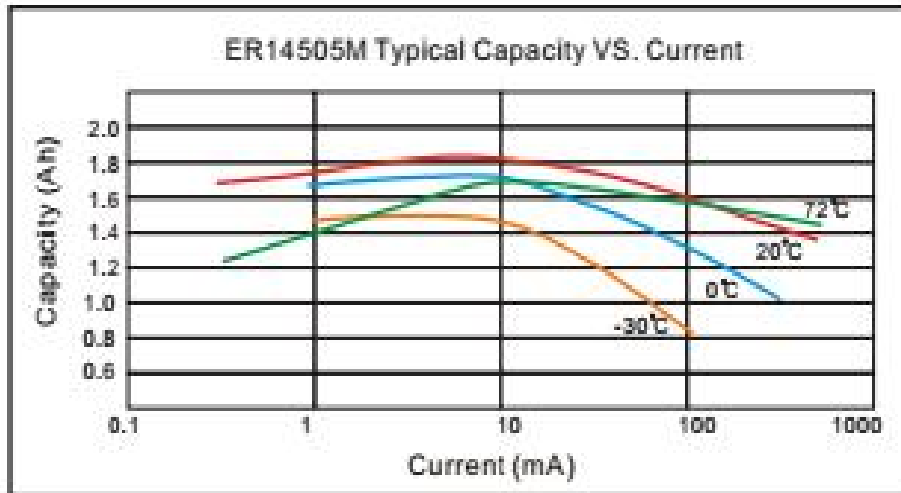
| Item | Parameters | Remark |
|---|-------------|-----------------------------|
| Model | ER14505M,AA | Power type |
| Nominal Capacity(mAh) | 2100 | at 10mA ±23°C, 2.0V cut-off |
| Nominal Voltage(V) | 3.6 | 3.65V-3.67V |
| Standard discharge current (mA) | 10.0 | |
| Maximum continuous current(mA) | 500 | |
| Maximum pulse current(mA) | 1000 | |
| Operating temperature range(°C) | -55~+85 | |
| Storage temperature(recommended) | +30°C Max. | |
| Weight(g) | 22 | |
| 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





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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