



Lithium Thionyl Chloride Battery Brief Datasheet Model: ER14505MS

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

Item	Parameters	Remark
Model	ER14505MS AA	High temperature type
Nominal Capacity(mAh)	1500	at 40mA +150°C, 2.0V cut-off
Nominal Voltage(V)	3.6	3.65V-3.67V
Standard discharge current (mA)	40.0	
Maximum continuous current(mA)	100	
Maximum pulse current(mA)	200	
Operating temperature range(°C)	-20~+150	
Storage temperature(recommended)	+30°C Max.	
Weight(g)	18.0	
Customized a variety of JST/MOLEX/ORTHER etc. connector , terminal, Please contact HJBP engineer.		

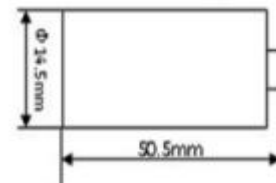
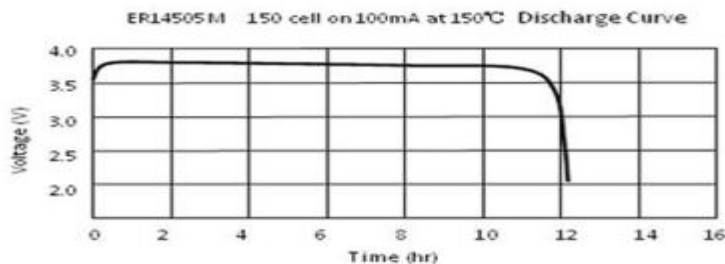
*High temperature type include 125°C, 150°C, 165°C, and recommend suit for low current and medium current discharge.

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

2. Electrical Characteristics and Dimension

Typical Discharge Profile at 150°C

Capacity VS Current and Temperature



3. Key feature

- ★ High and stable operating voltage.
- ★ Hermetic glass-to-metal sealing
- ★ UL1642, CE certification, UN38.3, MSDS/SGS/ROHS test reporter, ISO19001 quality control system
- ★ Stainless steel container
- ★ Low self discharge rate (less than 1% after 1 year of storage at +25°C)
- ★ Non-flammable electrolyte

4. Main applications

- ★ Utility metering
- ★ Automatic meter reading
- ★ Automotive electronics
- ★ Military electronics
- ★ Alarms and security devices
- ★ Tollgates systems
- ★ Memory back-up
- ★ Professional electronics

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.

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.