

1. Application range

Lithium Thionyl Chloride Battery, Model ER18505
Manufacturer: HCB Battery Co.,Ltd.

2. Objective

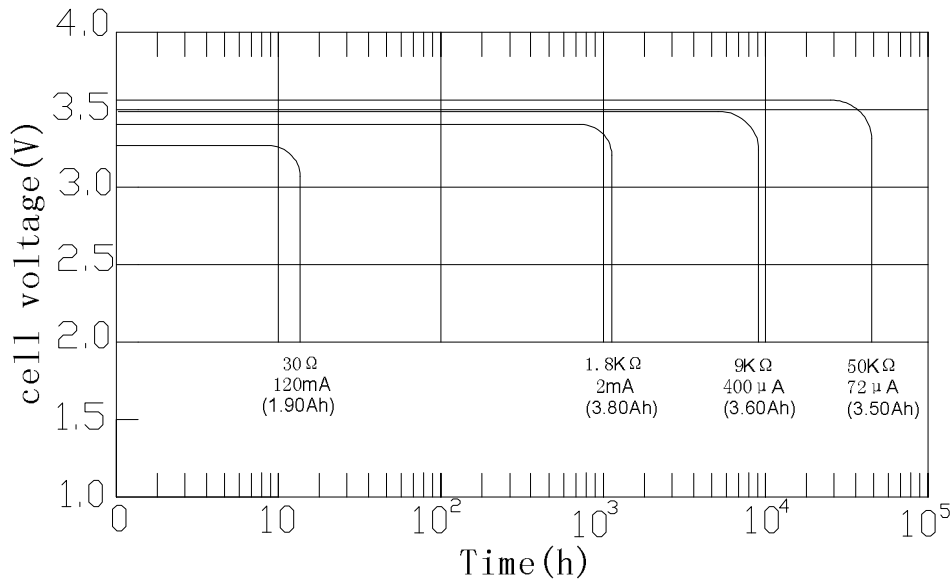
To regulate the performance index and test method of ER18505, as well as guidelines and warnings.

3. Technical parameter

- 3.1 Model: ER18505
- 3.2 Nominal voltage: 3.6V
- 3.3 Norminal capacity: 3800mAh (Continuous discharging at 1mA until 2.0V end-voltage at 23±2°C)
- 3.4 Max. constant current: 120mA
- 3.5 Max. pulse current: 240mA
- 3.6 Operating temperature range: -40°C ~ +60°C
- 3.7 Nominal weight: 31.0g
- 3.8 Max. Outer dimensions: as drawing.
- 3.9 Self-discharging rate: ≤1% per year.

4. Discharge curve

Discharge performance



5. International attestation



ISO-16628



EU02
03107301



MH10060



No.03007

6. Application

Radio communication transmitter-receiver, underwater weapons, medical instruments,RFID active tag/card, automatic sanitaryware, intelligent IC card, PC computer RAM,CMOS memory backup powersupply, portable communication equipment,time counter, number counter and so on.