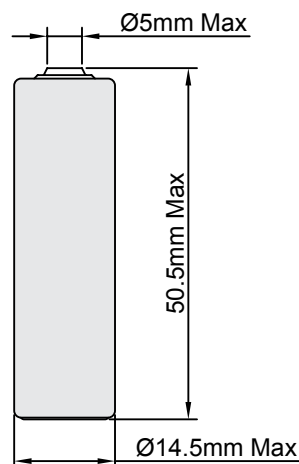


Primary Battery ER14505

Lithium Thionyl Chloride(Li-SOCl₂) Battery

Electrical Characteristics

Nominal capacity	2700mAh
Nominal voltage	3.6V
Max.continuous current	65mA
Max. pulse current	150mA
Operating temperature range	-60℃~+85℃ (Operating closely to limit temp. may lead to a reduced capacity, low voltage plateau reading)
Weight	Approx. 19g
Storage temperature	Max. 30℃
Dimension(max.)	AA size/14.5*50.5mm
Equivalent(replacement)	LS14500, TL-4903, TL-7903 SL-860, XL-060F, ER6, ER6C



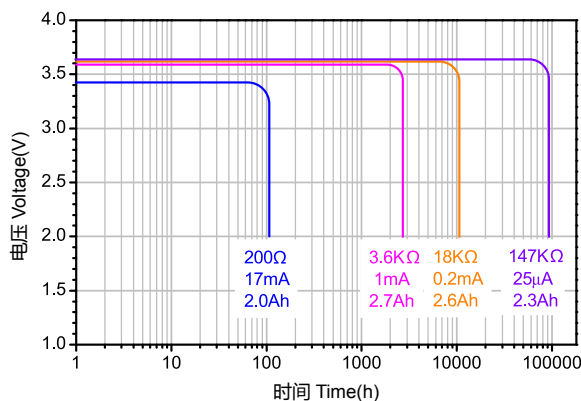
Key Features

- ✧ High and stable operating voltage
- ✧ Low self-discharge rate(<1% after 1 year storage at +25℃)
- ✧ Stainless steel battery shell(battery can)
- ✧ Hermetic glass-to-metal sealing
- ✧ Non-flammable electrolyte
- ✧ **Bobbin type**
- ✧ UL, ATEX, CE, SGS, UN38.3 Approved
- ✧ ISO9001, ISO14001 certified company

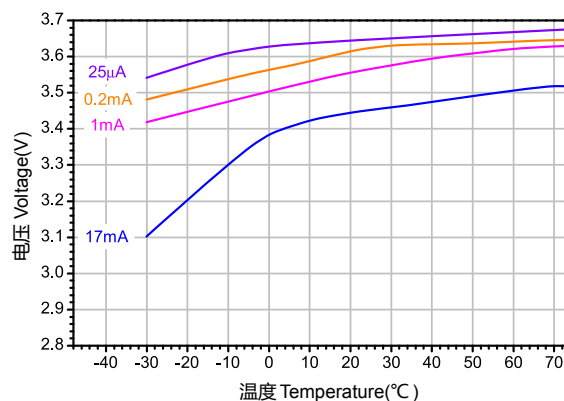
Main Application

- Utility Meter
- Memory Back-up
- Real time clock
- GPS tracking
- Asset tracking
- Wireless Alarm
- Security Devices
- Tollgate systems
- Military Devices
- Ocean Equipment
- Medical Devices
- NB-IoT & LoRa
- Smart Home
- Automation Instrument
- Mining & Drilling
- Electronic products

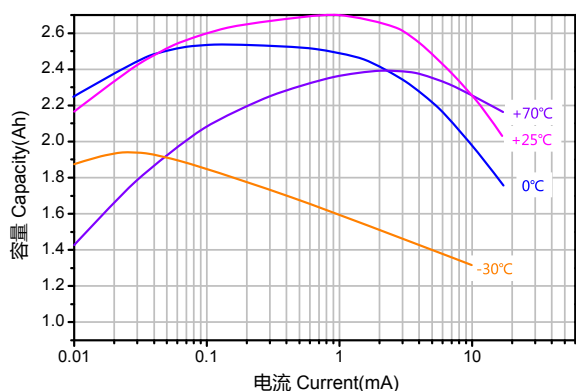
Discharge Characteristics(25℃)



Voltage vs. Temperature



Capacity vs. Current



Terminal Choices

1. Solder tabs: T, 2PT, 3PT, 4PT
2. Axial: 0.8*45mm
3. Lead(wire without connector)
4. Wire and connector(XH-2P, PH-2P, 5264-2P...)
5. Other terminals can be made as requested

WARNINGS!

1. Fire, explosion and severe burn hazard;
2. Do not recharge, crush, disassemble, heat above 100℃;
3. Do not solder directly to the cell;
4. Don't mixed use old and new batteries together.

CAUTION! Details may subject to change without notice! For more info on other conditions please consult RUIZHI