

Li-SOCl₂ Primary Lithium Battery

ER14500S AA

Electrical Characteristic

Norminal Capacity

(At 2.0mA, +25°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut-off,For more severe conditions,consult Ramway.)

1.6Ah

Rated Voltage

3.6V

Max. recommended continuous current

100mA

Max. pulse current capability

300mA

Dimension

Φ14.5*50.5mm

Storage(recommended)

Max. 30°C

(For more severe conditions,consult Ramway)

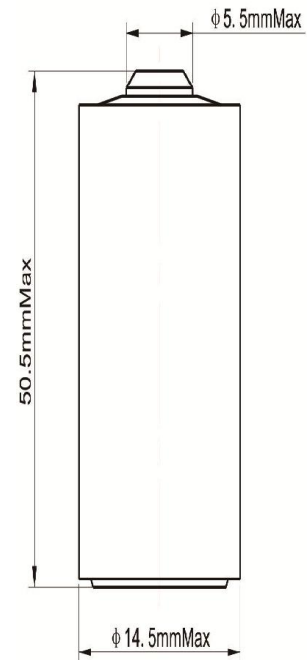
Operating temperature range

-40°C~+150°C
(-40°F~+302°F)

(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings)

Typical weight

19g



Key features

- High and stable operating voltage
- Low self discharge rate(less than 1% after 1 year of storage at +25°C)
- Stainless steel container
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Bobbin type
- CE,SGS recognized
ISO9001 approved

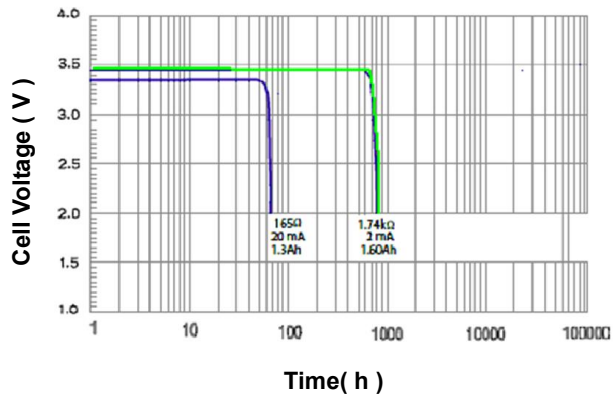
Main applications

- Utility metering
- Memory back-up
- Alarms and security devices
- Automotive electronics
- Tollgate systems
- Military electronics
- Automatic meter reading
- professional electronics

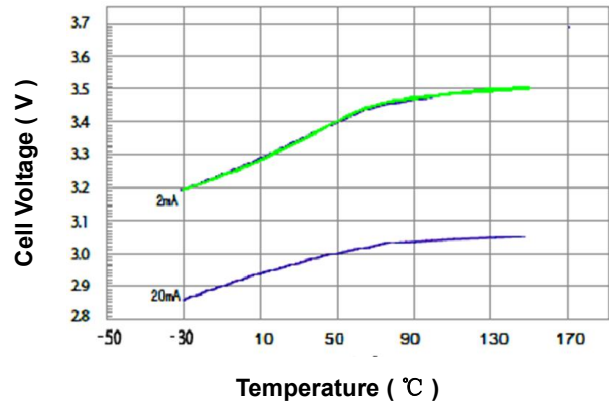
Warning

1. Fire, explosion and severe burn hazard.
2. Do not recharge, crush, disassemble, heat above 100°C;
3. Do not solder directly to the cell.

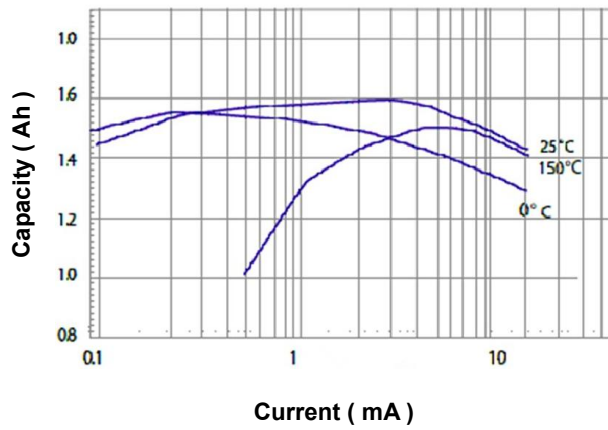
1. Voltage vs. Time(+150°C)



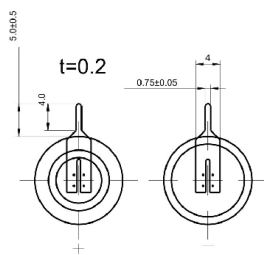
2. Voltage vs. Temperature



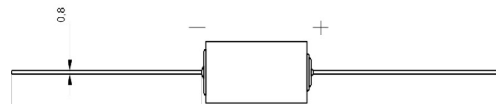
3. Capacity vs. Current



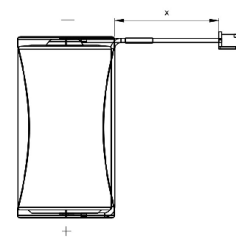
Solder and Connector



-/2PT



CNA(AX)



FL

