

# Li/SOCl<sub>2</sub> Battery: ER18505

## Technical data

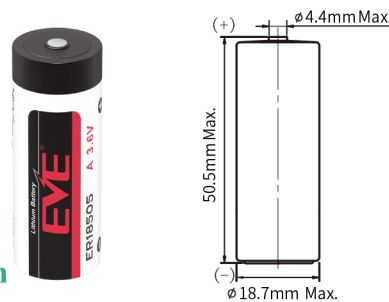
- Nominal capacity: 4000mAh
  - Nominal voltage: 3.6V
  - Max. pulse current: 180mA
  - Max. continuous current: 130mA
  - Storage temperature range : less than +30°C
  - Working temperature range : -55°C~+85°C
  - Weight : about 28 g
- U.L. Component Recognition (MH 28717)

## Application

- Utility metering
- Tracking systems
- Memory back-up
- Automotive electronics
- Alarms and security devices
- Real-time clock ...

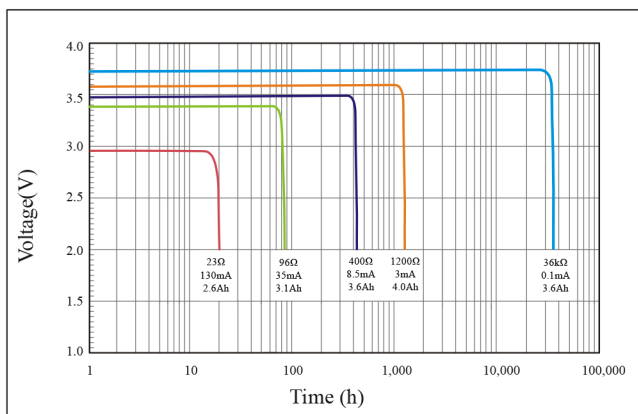
## Features & Benefits

- High and stable operating voltage
- Compliant with IEC 60086-4 Safety standard
- Low self discharge rate(less than 1% after 1 year of storage at +25°C)



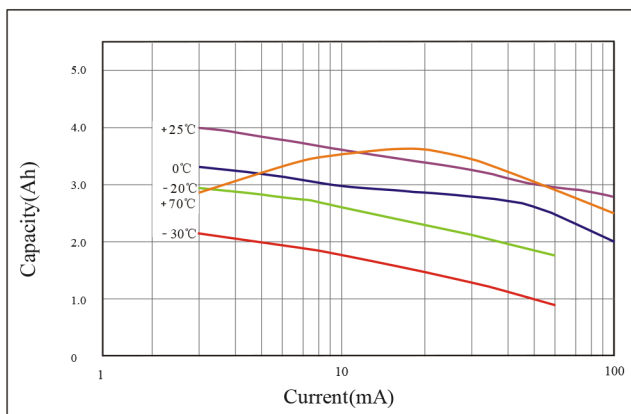
### 1、Typical discharge profile at +25°C

(Typical value)



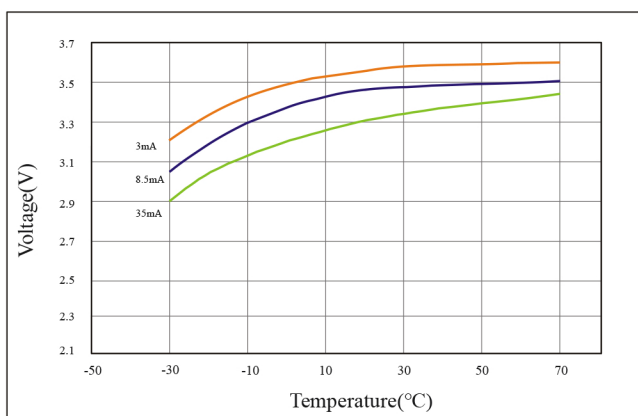
### 2、Capacity versus current and temperature

(Typical value , 2.0V cut off)

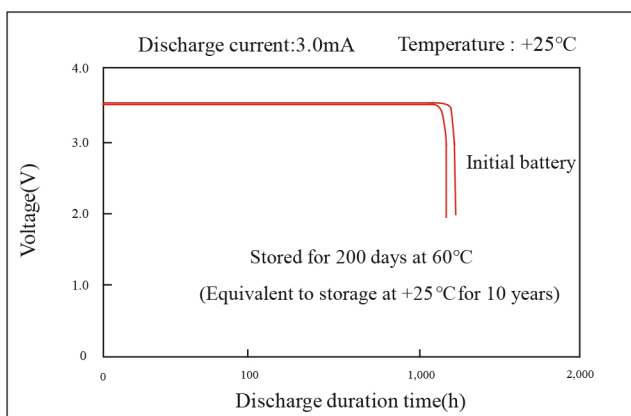


### 3、Voltage plateau versus current and temperature

(at mid-discharge)



### 4、Storage characteristics



#### WARNING:

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C (212°F), incinerate or expose contents to water. Do not solder directly to the cell, use tabbed cell instead.

#### ATTENTION:

Any discharge data in this document are all vertical discharge. Other conditions, consult EVE. The above data comes from EVE's laboratory, any representations in this document concerning performance are for informational purpose only. EVE Energy Co., Ltd reserves the right to interpret this data.



Official website

Issued in Oct.2022