

## Electrical characteristers



FANSO

PRIMARY LITHIUM BATTERY

CR18505E 3.0V

Equivalent: A

### Electrical characteristers

Typical values relative to cells stored for one year

◉ Nominal capacity	2500mAh
Discharged capacity at 10mA, +25°C, 2V cut off.	
◉ Nominal voltage	3.0V
◉ Max. recommended continuous current	1500mA
Discharged to 2V at + 25°C permitting 50% of the Nominal capacity to be achieved	
◉ Max. Pulse current	2500mA
15 seconds at 25°C drained with 50% of the nominal capacity ,yield voltage reading above 2V. The value may vary with the pulse characteristics,the temperature and the cell's previous history.	
◉ Storage	Max. 30°C
◉ Operating temperature range	-30~+60°C
◉ Weight	≈32g

### Warning

Don't charge, crush, disassemble, expose contents to water, heat above 100°C or may lead to explosion, burn or goods leakage. Discarded battery should be buried deeply to the ground.

### Key features

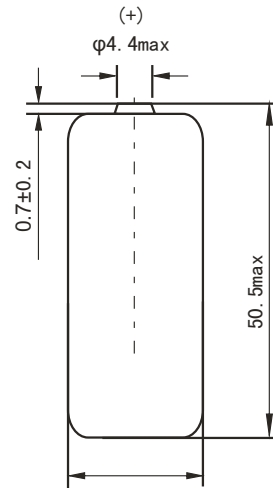
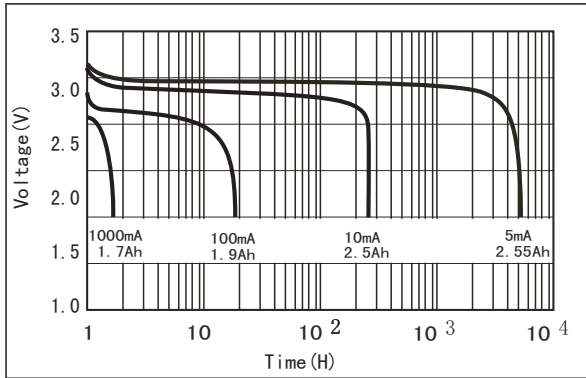
- High and stable operating voltage
- Long shelf life Annual self-discharge rate lower than 2% at +20°C
- Stainless steel nickel plated
- Hermetic Sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport
- UL Component Recognition File Number MH46165

### Main applications

- Alarms or security equipment
- Smoke detector
- Memory backup
- Real time clock
- Professional electronic equipment
- Medical equipment

# CR18505E 2500mAh

## Discharge characteristics at 25°C



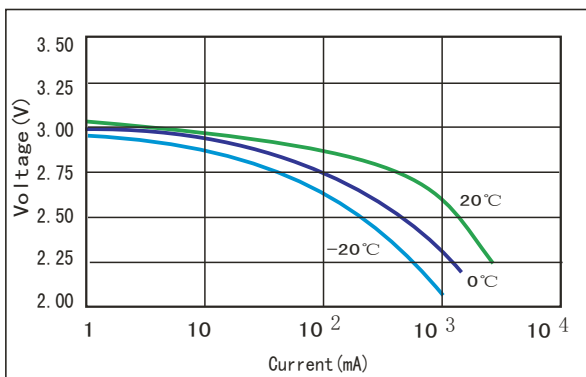
$\phi 18.5 \text{ max}$   
Dimensions in mm

### Available Terminations

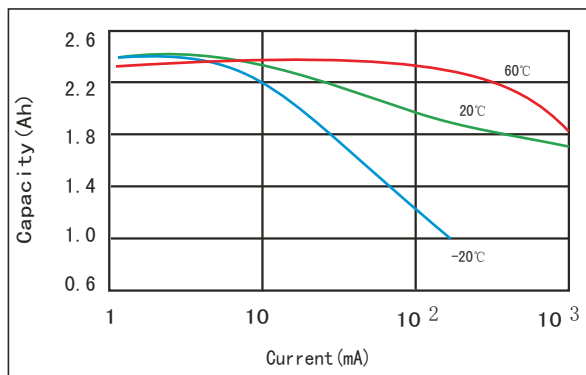
- /P Axial pin
- /T/PT2 Radial Pin
- /PT/TP Polarized Tab

Special terminal can be made according to customer's requirement

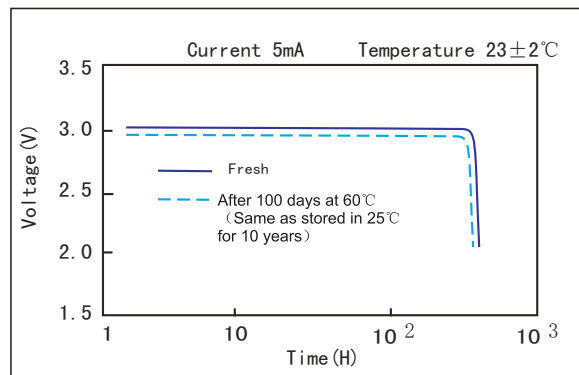
## Voltage VS Current & Temperature Curve



## Capacity VS Current & Temperature Curve



## Storage characteristics



WUHAN FANSO TECHNOLOGY CO.,LTD.

Address: No.1 Sitai Industrial Park, YongFeng Avenue, Hanyang District, Wuhan City, China.

Tel: 86-27-84452919 / 84458099 Fax: 86-27-84453116 Post Code: 430051