

PRIMARY LITHIUM BATTERY

CR123A 3.0V

Electrical characteristics

Typical values relative to cells stored for one year

|  |           |
|--|-----------|
| Nominal capacity   | 1500mAh   |
| Discharged capacity at 5mA,+25°C,2V cut off  |           |
| Nominal voltage  | 3.0V      |
| Max. recommended continuous current  | 1000mA    |
| 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.<br>The value may vary with the pulse characteristics,the temperature and the cell's previous history. |           |
| Storage  | Max. 30°C |
| Operating temperature range  | -40~+70°C |
| Weight   | ≈17g      |

Key features

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

Main applications

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

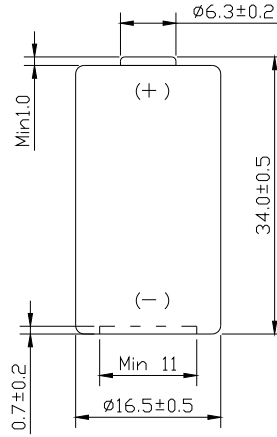
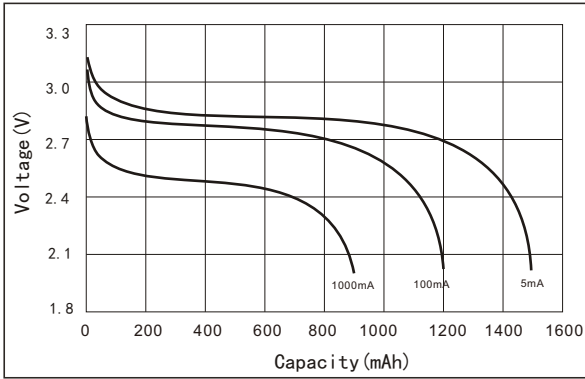
Warning

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.

Information in the document is just for reference,not for guarantee of battery performance,the quality of battery is subject to the buyer and seller's final confirmation in the contract.

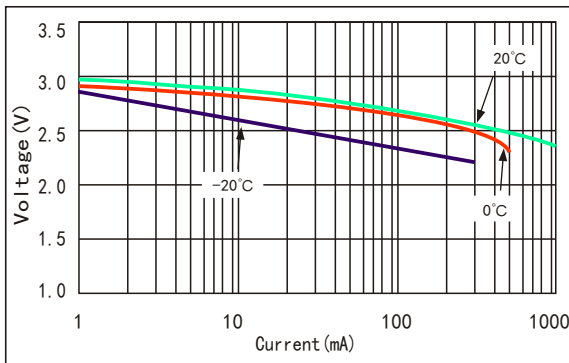
# CR123A 1500mAh

## Discharge characteristics at 25°C



Dimensions in mm

## Voltage VS Current & Temperature Curve

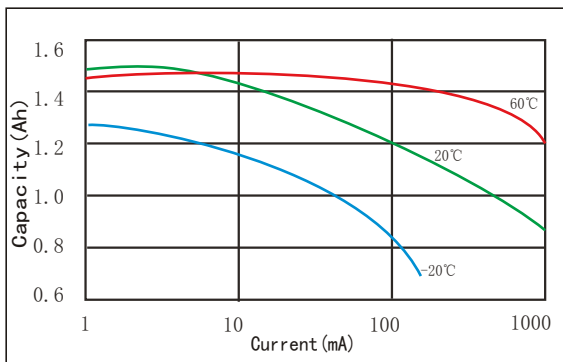


### Available Terminations

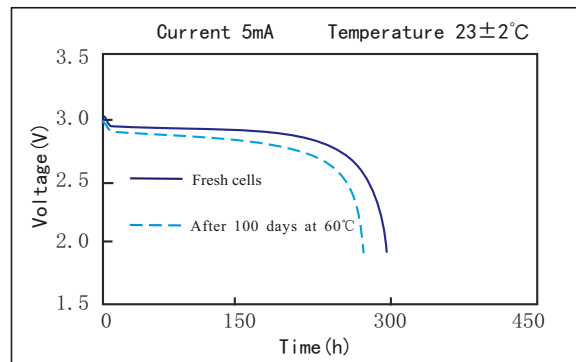
- /P Axial pin
- /T/PT2 Radial Pin
- /PT/TP Polarized Tab

Special terminal can be made according to customer's requirement

## Capacity VS Current & Temperature Curve



## Storage characteristics



Data in this page is subject to change without notice and becomes contractual only after written confirmation by Fanso

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