

Electrical characteristics



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. The value may vary with the pulse characteristics,the temperature and the cell's previous history.	
Storage	Max. 30°C
Operating temperature range	-40~+85°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
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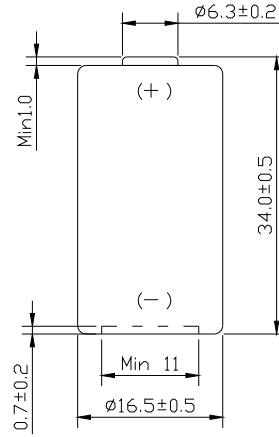
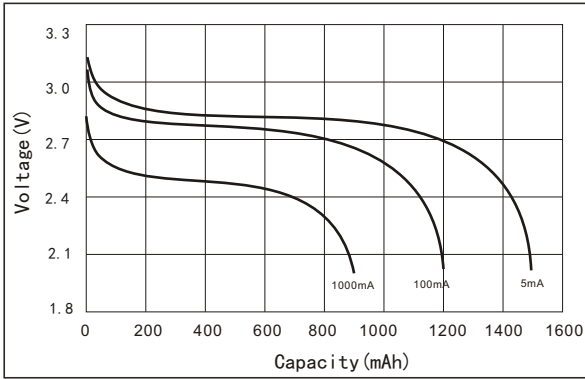
Warning

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.

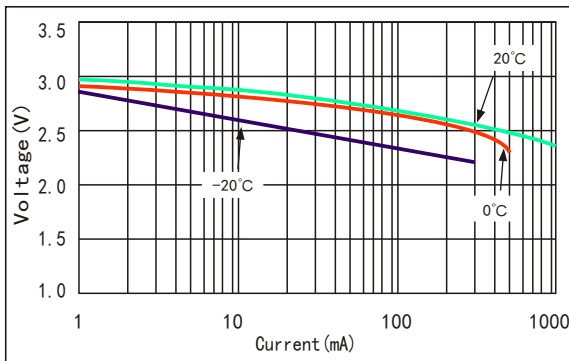
CR123A 1500mAh

Discharge characteristics at 25°C



Dimensions in mm

Voltage VS Current & Temperature Curve

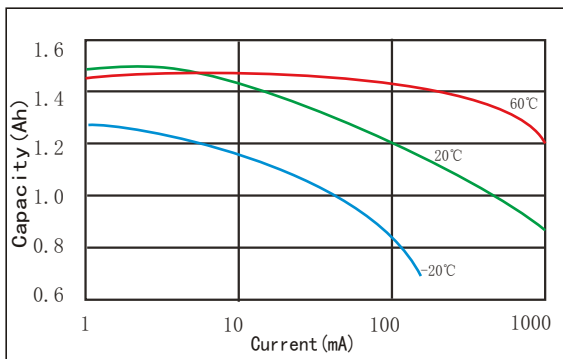


Available Terminations

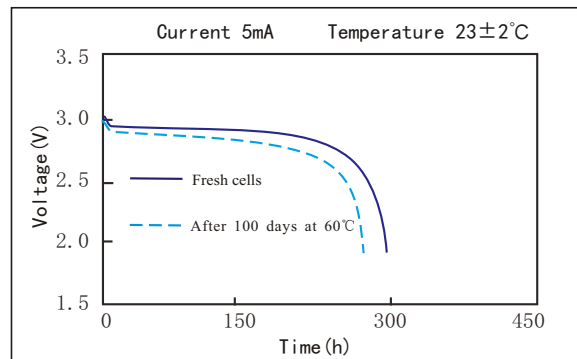
- /P Axial pin
- /T/PT2 Radial Pin
- /PT/TP Polarized Tab

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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