

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~+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

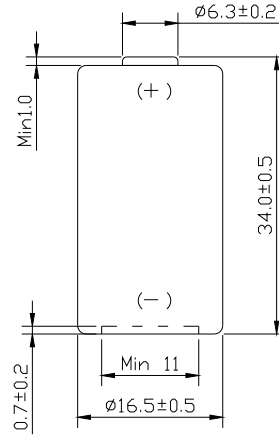
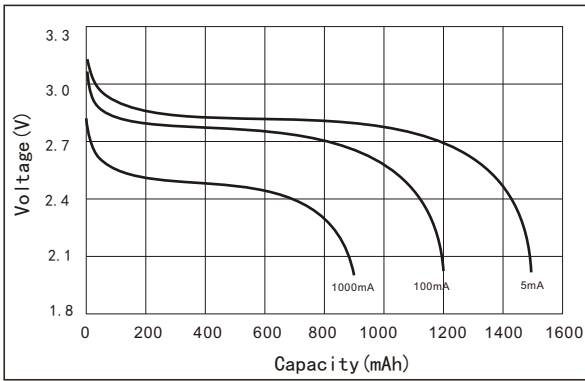
- Alarms or security equipment
- Smoke detector
- Memory backup
- Real time clock
- Professional electronic equipment
- Medical equipment

⚠ 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.

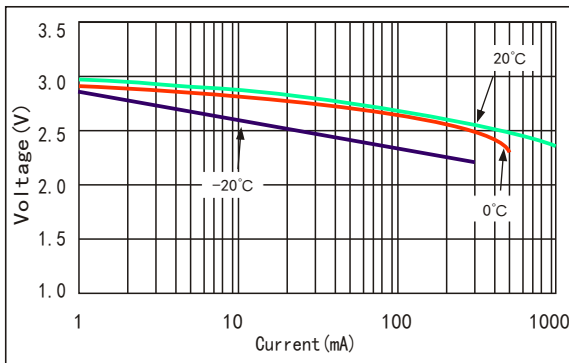
CR123A 1500mAh

Discharge characteristics at 25°C



Dimensions in mm

Voltage VS Current & Temperature Curve

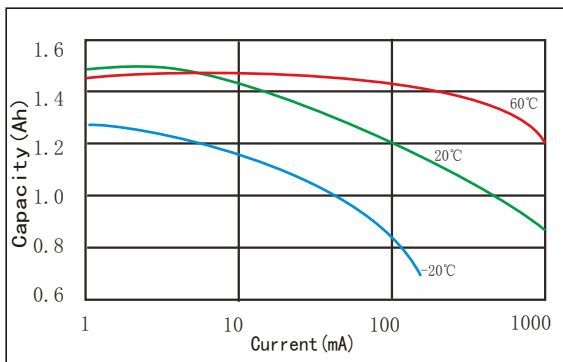


Available Terminations

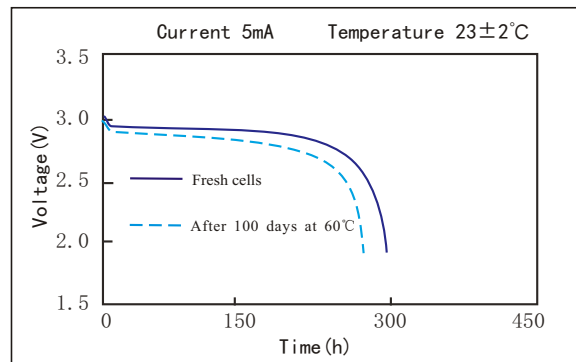
- /P Axial pin
- /T/PT2 Radial Pin
- /PT/TP Polarized Tab

Special terminal can be made according to customer's requirement

Capacity VS Current & Temperature Curve



Storage characteristics



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