

PRIMARY LITHIUM BATTERY

CR123A 3.0V



Electrical characteristers

Typical values relative to cells stored for one year

| | |
|--|------------------|
| <p>⦿ Nominal capacity</p> <p>Discharged capacity at 5mA,+25°C,2V cut off</p> | <p>1500mAh</p> |
| <p>⦿ Nominal voltage</p> | <p>3.0V</p> |
| <p>⦿ Max. recommended continuous current</p> <p>Discharged to 2V at +25°C permitting 50% of the Nominal capacity to be achieved</p> | <p>1000mA</p> |
| <p>⦿ Max. Pulse current</p> <p>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.</p> | <p>2500mA</p> |
| <p>⦿ Storage</p> | <p>Max. 30°C</p> |
| <p>⦿ Operating temperature range</p> | <p>-40~+85°C</p> |
| <p>⦿ Weight</p> | <p>≈17g</p> |

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
- UL Component Recognition File Number MH46165

Main applications

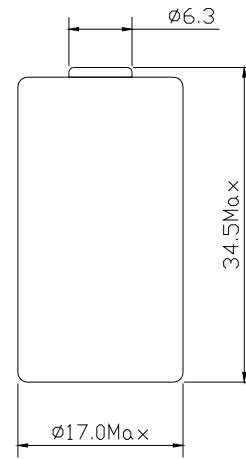
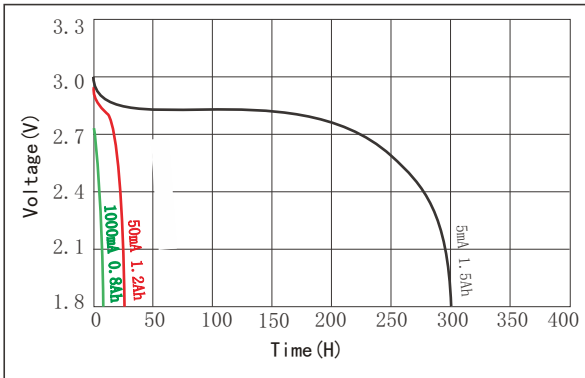
- Alarms or security equipment
- Smoke detector
- Memory backup
- Real time clock
- Professional electronic equipment
- Medical equipment

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.

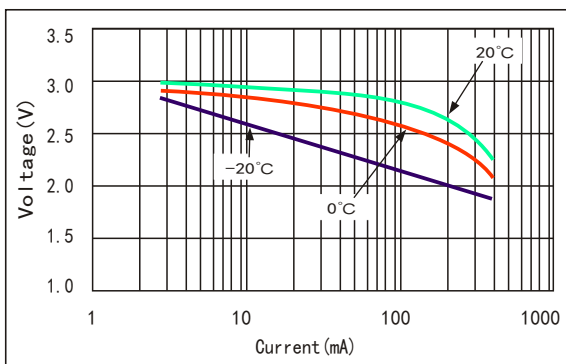
CR123A 1500mAh

Discharge characteristics at 25°C



Dimensions in mm

Voltage VS Current & Temperature Curve

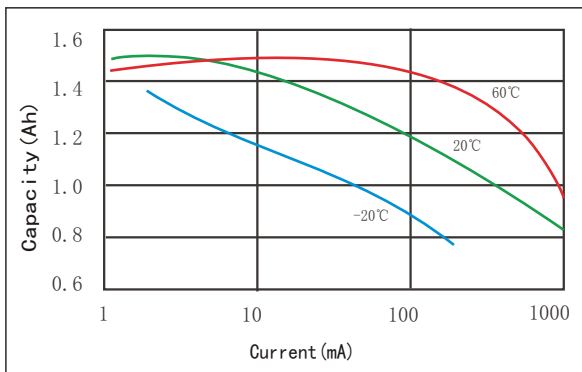


Available Terminations

- /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

