

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
- Non-restricted for transport
- UL Component Recognition File Number MH46165

**Main applications**

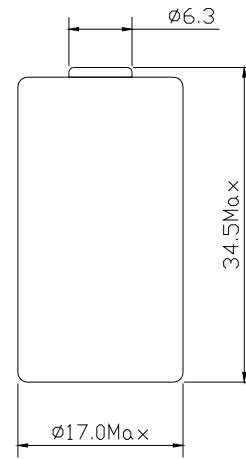
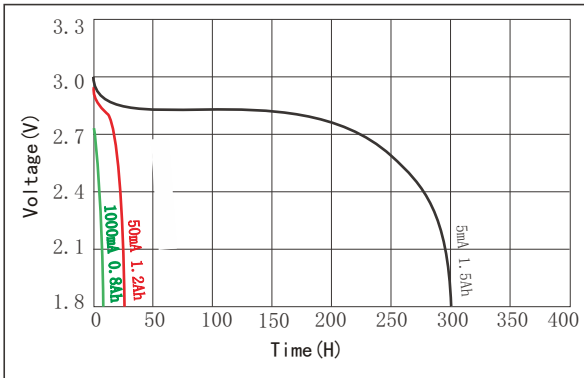
- Alarms or security equipment
- Smoke detector
- Memory backup
- Real time clock
- Professional electronic equipment
- Medical equipment

**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.

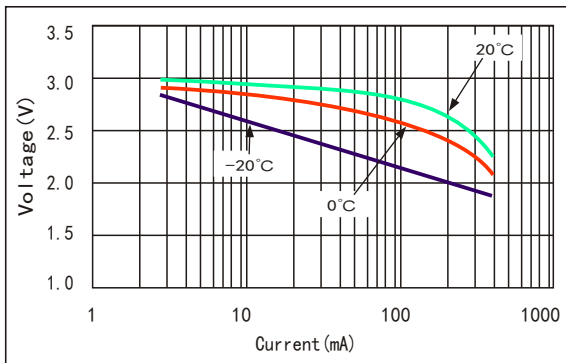
# CR123A 1500mAh

## Discharge characteristics at 25°C



Dimensions in mm

## Voltage VS Current & Temperature Curve

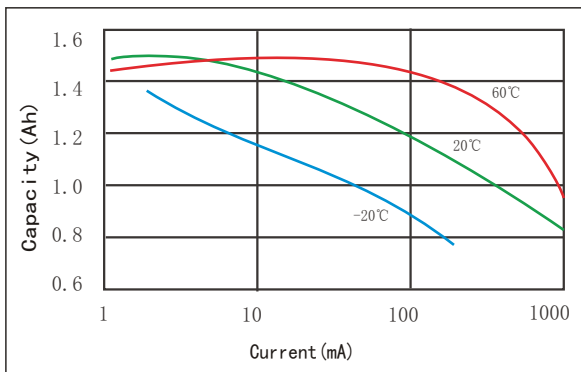


### Available Terminations

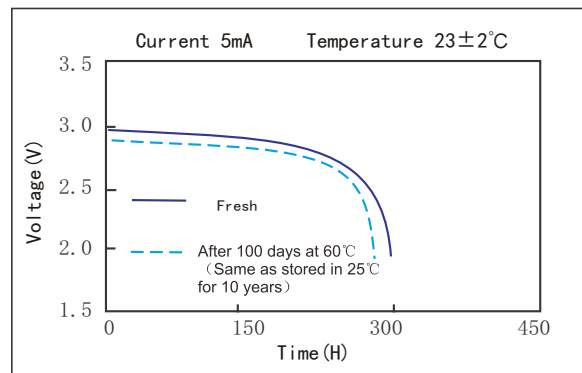
- /P Axial pin
- /T/PT2 Radial Pin
- /PT/TP Polarized Tab

Special terminal can be made according to customer's requirement

## Capacity VS Current & Temperature Curve



## Storage characteristics



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