

PRIMARY LITHIUM BATTERY

CR14505E 3.0V

Equivalent: AA

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	≈18g

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

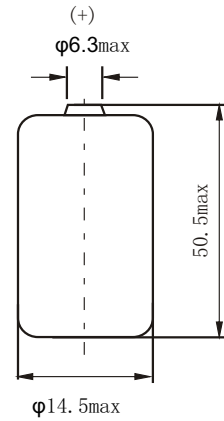
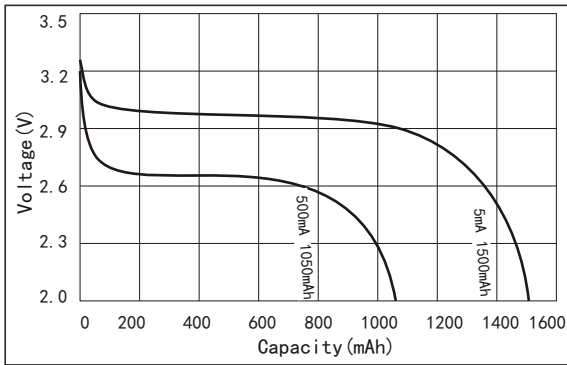
Main applications

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

Warning

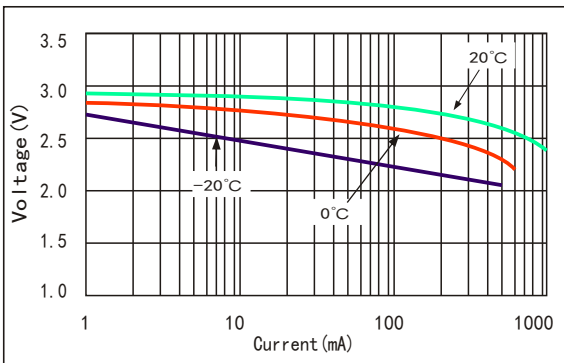
Don't charge, crush, disassemble, expose contents to water, heat above 100°C or may lead to explosion, burn or goods leakage. Discarded battery should be buried deeply to the ground.

Discharge characteristics at 25°C



Dimensions in mm

Voltage VS Current & Temperature Curve

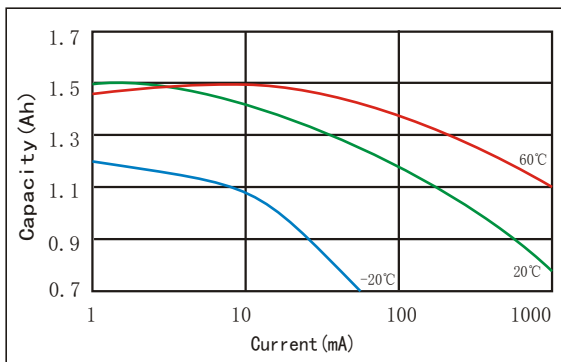


Available Terminations

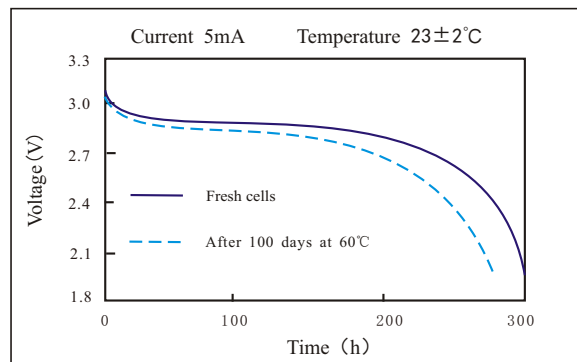
- /P Axial pin
- /T/PT2 Radial Pin
- /PT/TP Polarized Tab

Special terminal can be made according to customer's requirement

Capacity VS Current & Temperature Curve



Storage characteristics



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