

SPECIFICATION



CP505050 3.0V

Equivalent:

Electrical characteristics

(Typical values relative to cells stored for one year at +30 °C max)

○ Nominal capacity	3000mAh
Discharged capacity at 10mA, +25 °C, 1.8V cut off	
○ Open circuit voltage	3.0V
○ Max. recommended continuous current	1500mA
Discharged to 1.8V at +25°C permitting 50% of the nominal capacity to be achieved	
○ Max. Pulse capability	2500mA
2500mA pulse discharge for 15 seconds, the cut off voltage is 1.8V, drained with 50% at 25°C the value may vary according to the pulse characteristics, the temperature and the cell's previous history	
○ Operating temperature rang	-20~+60°C

STORAGE:


Stored in clean, dry and cool circumstances (the temperature should be 20 degrees or lower, less than 30 degrees)

WARNING:

Don't charge, crush, disassemble, expose contents to water, heat above 80°C or may lead to explosion, burn or poison goods leakage. Discarded battery should be buried deeply to the ground.

Key features

- High and stable operating voltage
- Long shelf life
- Annual self-discharge rate lower than 2% at +20°C
- airtightness warranty
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

 UL Component Recognition
File Number MH46165

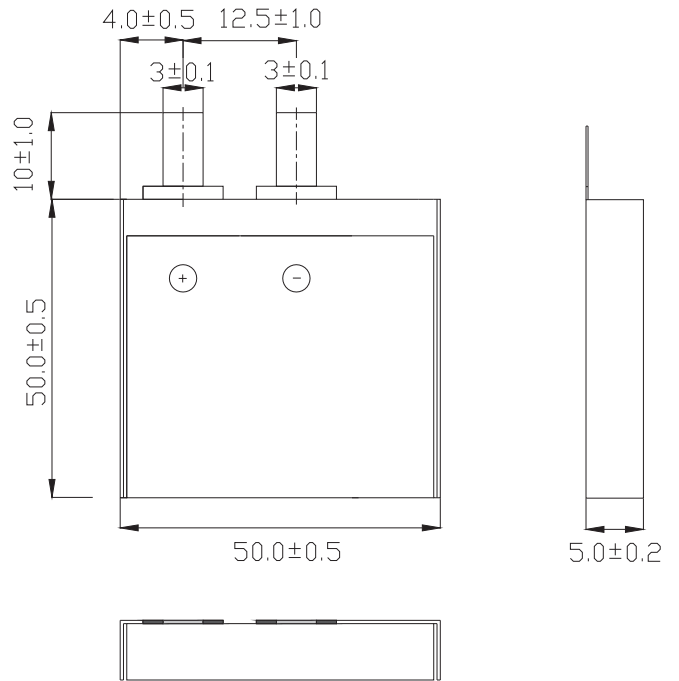
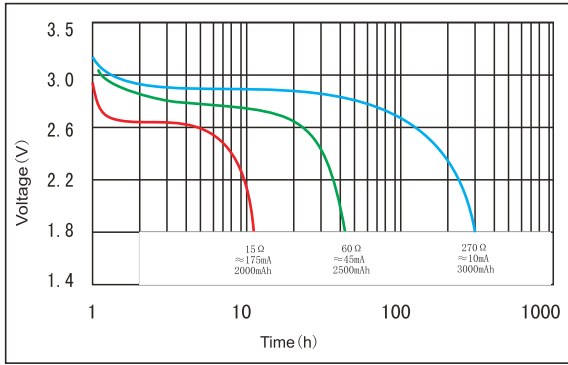
Main applications

- active electronic tags
- active chips
- Alarms or security equipment
- Smoke detectors
- Memory backup
- Real time clock
- Professional electronic equipment
- Medical equipment

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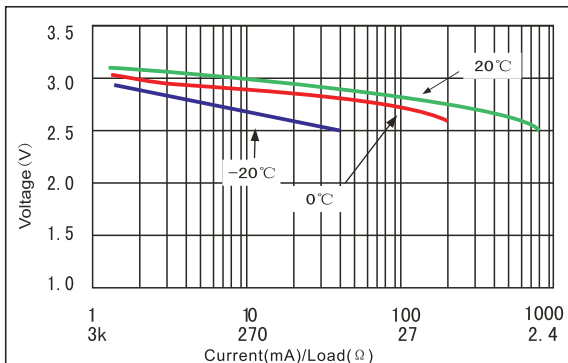
CP505050 3000mAh

Discharge characteristics at 25°C

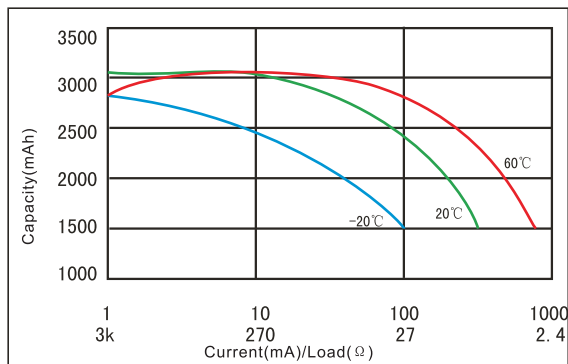


Dimensions in mm
Weight: 23g

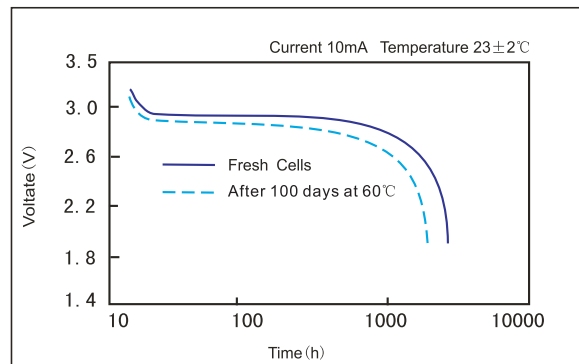
Voltage vs Current curve



Capacity vs Current curve



Discharge characteristics after storage



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