



CP305050 3.0V

Electrical characteristics

Typical values relative to cells stored for one year

<p>⦿ Nominal capacity</p> <p>Discharged capacity at 1mA,+25°C, 1.8V cut off.</p>	<p>1600mAh</p>
<p>⦿ Nominal voltage</p>	<p>3.0V</p>
<p>⦿ Max. recommended continuous current</p> <p>Discharged to 1.8V at 25°C permitting 50% of the Nominal capacity to be achieved</p>	<p>1000 mA</p>
<p>⦿ Max. Pulse current</p> <p>15 seconds at 25°C drained with 50% of the nominal capacity, yield voltage reading above 1.8V. The value may vary with the pulse characteristics, the temperature and the cell's previous history</p>	<p>2000 mA</p>
<p>⦿ Storage</p>	<p>Max 30°C</p>
<p>⦿ Operating temperature range</p>	<p>-40~+60°C</p>
<p>⦿ Weight</p>	<p>≈14g</p>

Key features

- High and stable operating voltage
- Long shelf life Annual self-discharge rate lower than 2% at +20°C
- Hermetic Sealing
- Compliant with IEC 86-4 safety standard

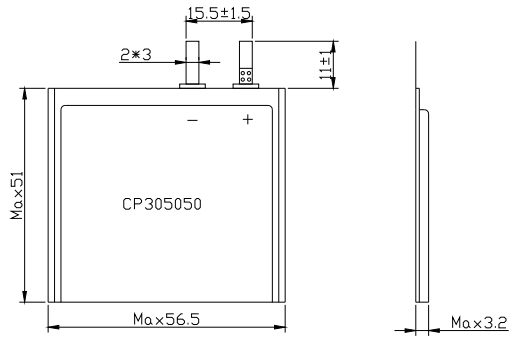
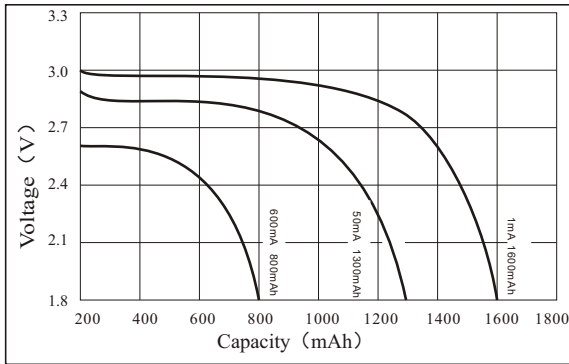
Main applications

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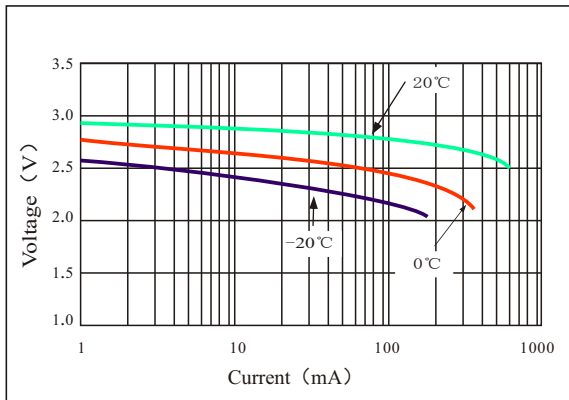
Warning

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

Discharge characteristics at 25°C



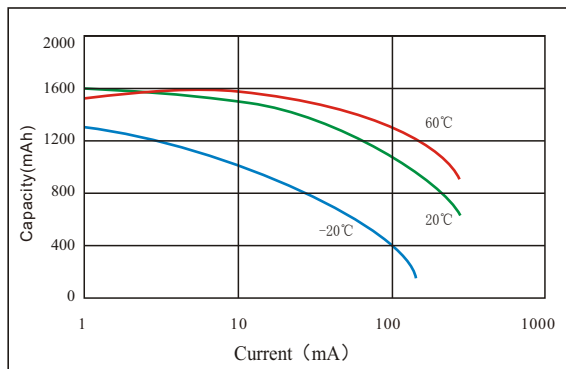
Voltage VS Current & Temperature Curve



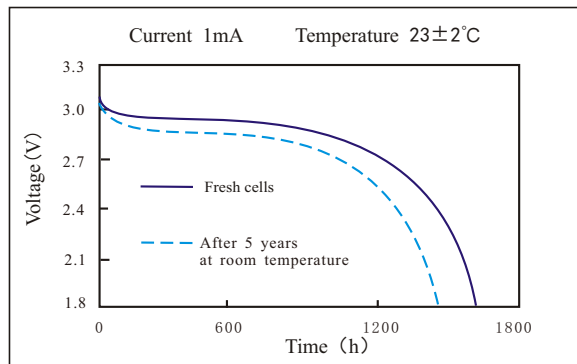
Dimensions in mm

Special terminal can be made according to customer's requirement

Capacity VS Current & Temperature Curve



Storage characteristics



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