



CP503742 3.0V

Electrical characteristers

Typical values relative to cells stored for one year

<p>⦿ Nominal capacity</p> <p>Discharged capacity at 5mA, +25°C, 2.0V cut off.</p>	<p>1850mAh</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>800mA</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>1200mA</p>
<p>⦿ Storage</p>	<p>Max 30°C</p>
<p>⦿ Operating temperature range</p>	<p>-20~+60°C</p>
<p>⦿ Weight</p>	<p>≈13g</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
- Non-restricted for transport
- UL Component Recognition File Number MH46165

Main applications

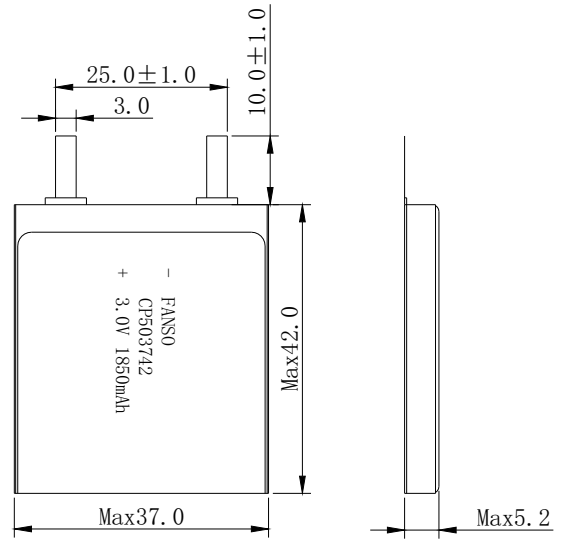
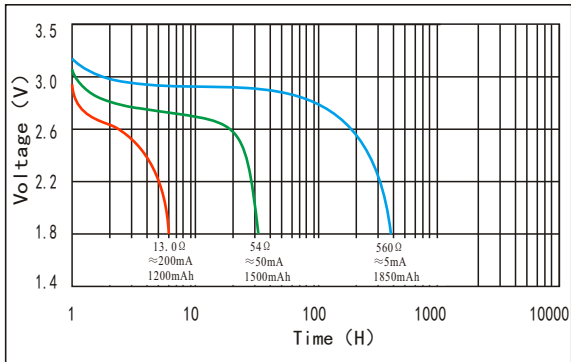
- active tags
- Alarms or security equipment
- Smoke detector
- Memory backup
- Real time clock
- Professional electronic equipment
- Medical equipment
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Warning

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

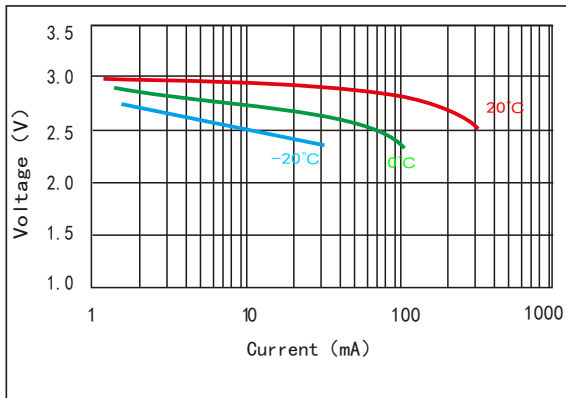
CP503742 1850mAh



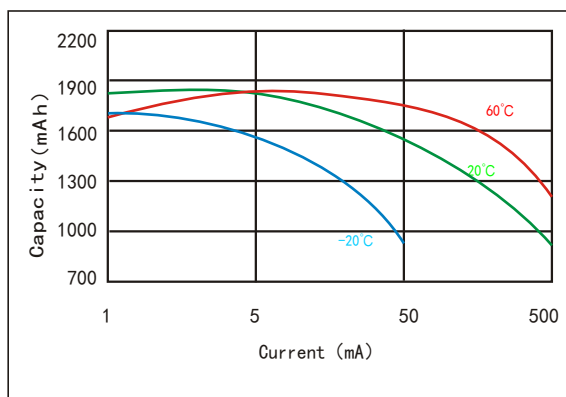
Dimensions in mm

Special terminal can be made according to customer's requirement

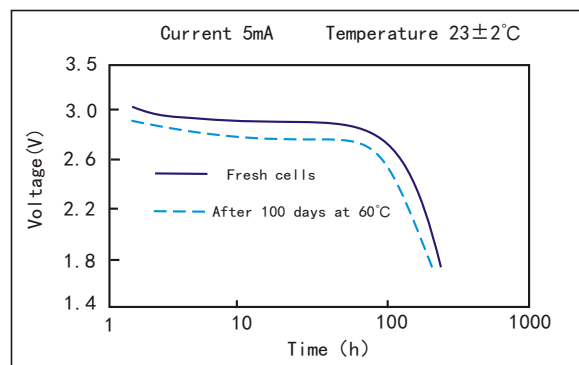
Voltage VS Current & Temperature Curve



Capacity VS Current & Temperature Curve



Storage characteristics



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