



Features

- High energy density
- High voltage, stable during most of the applications lifetime
- Wide range of operating temperature (-55°C to +85°C)
- Long storage life
- Low self-discharge rate 1% per year at 20°C

**RoHS
Compliant**

Applications

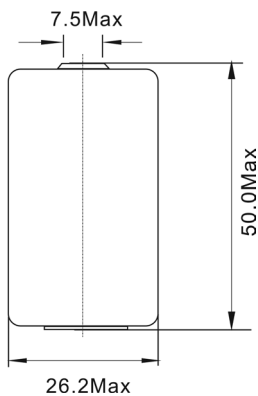
- Intelligent Instrument and meter
- Memory and standby power
- Alarms and security devices
- Automotive electronics
- Electronic toll collection
- Military devices

Specification

Nominal capacity (3mA - 2V)	: 8.5Ah
Nominal voltage	: 3.6V
Maximum recommended continuous current	: 100mA
Maximum recommended pulse current	: 200mA
Typical weight	: 53g
Operating temperature range	: -55°C to +85°C

Note: (200mA, 0.1 second pulses every 2 minutes, at 25°C from undischarged cells with 10uA base current, yield voltage readings above 2.7V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history)

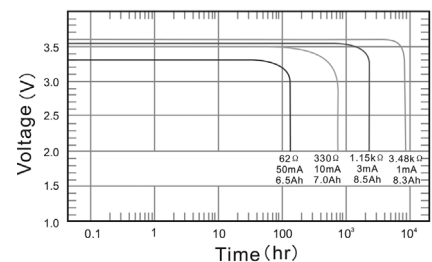
Diagram



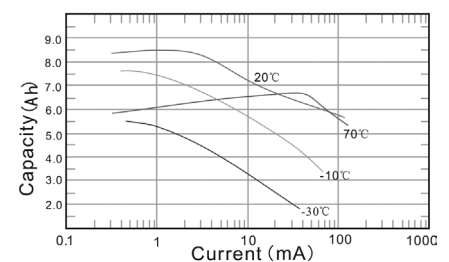
Warning

- Fire, explosion, and burn hazard
- Do not recharge, short circuit, over discharge, crush, disassemble, heat above 100 incinerate
- Do not use the battery beyond permitted temperature range

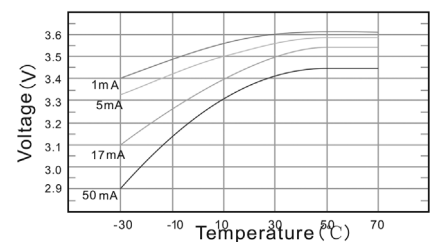
Discharge Characteristics at 23°C



Capacity VS. Current



Voltage VS. Temperature



Part Number Table

Description	Part Number
Lithium Thionyl Chloride High Energy	MP013866

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