



ISO9001  CE RoHS

ER18505M

3.6v Primary Lithium Thionyl Chloride High Power Spiral Battery

Benefits

- High energy density
- High voltage, stable during most of the application's lifetime
- Wide range of operating temperature[-55°C ~+ 85°C]
- Low self-discharge rate [less than 1% per year of storage]
- Long storage life [10 years under normal room temperature]

Main application

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

Electrical characteristics (23±2°C)

Nominal capacity	3.2Ah
Nominal voltage	3.6V
Maximum recommended continuous current	800mA
Maximum recommended pulse current	1500mA
Operating temperature range	-55 °C ~+85 °C

 U.L. Component Recognition MH 29130

Physical characteristics

Diameter[max]	18.5 mm
Height[max]	50.5mm
Typical weight	30g

Available terminations

S: Standard terminations

T: Solder tabs

P: Axial pins

Special termination are available upon request.

MSDS is available upon request.

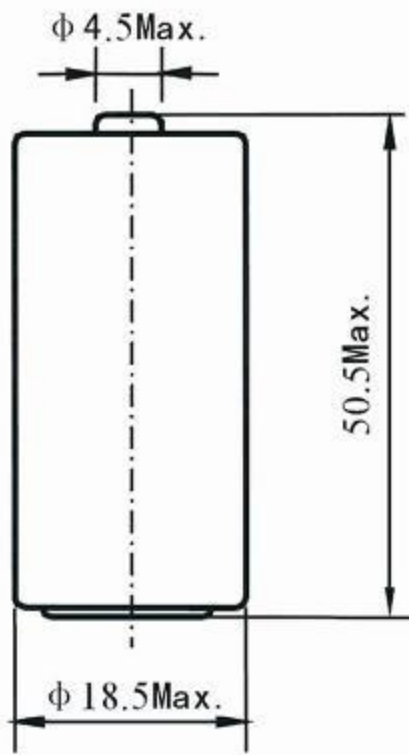
*Customer's Satisfaction
Always Be Our Goal*



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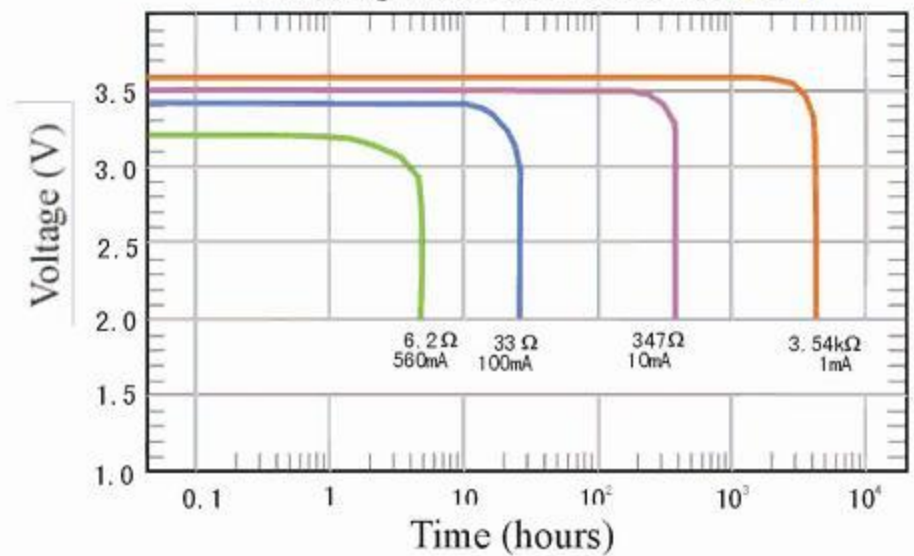


S: Standard termination

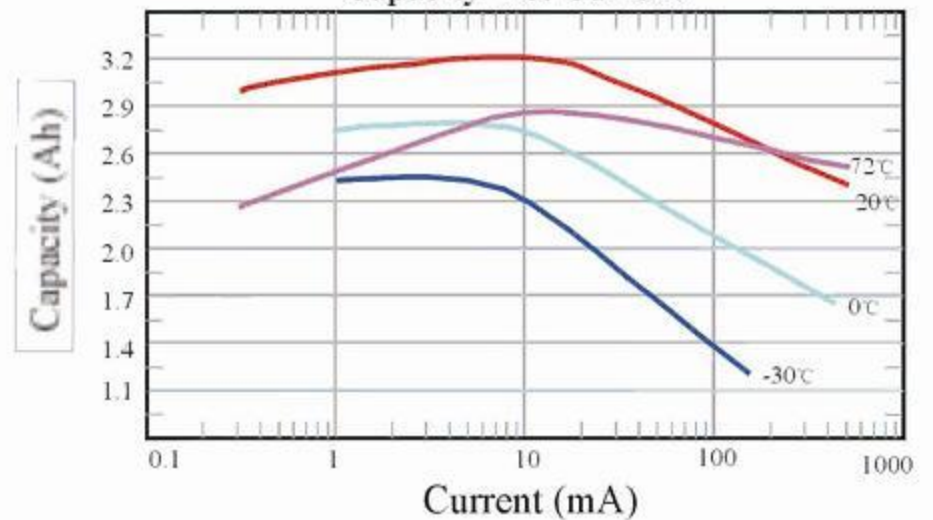
Warning:

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

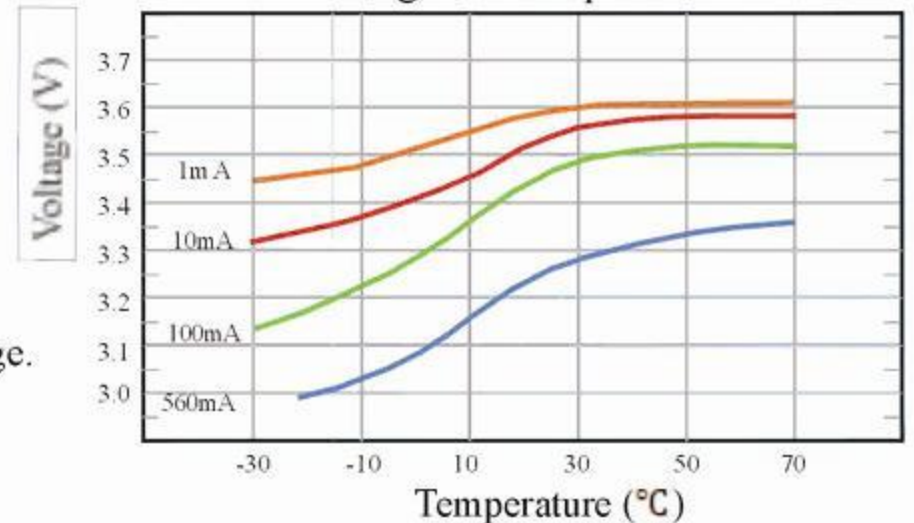
Discharge Characteristics at 23±2°C



Capacity VS. Current



Voltage VS. Temperature



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