

ER18505

3.6V Primary Lithium Thionyl Chloride High Energy Bobbin Battery



Characteristics

- High energy density
- High and stable operating voltage during most of the lifetime in the application
- Wide range of operating temperature (-55°C ~ +85°C)
- Long operating time
- Low self-discharge rate (less than 1% after 1 year of storage)
- Long storage life (over 10 years under normal room temperature)

Main Applications

- Utility metering
- Automatic meter reading
- Remote monitoring systems
- Automotive electronics
- Alarm & security systems
- Industrial applications

Electrical Specifications

(23±2°C)

Nominal capacity(2mA~2V):	4.0Ah
Rated voltage:	3.6V
Max constant current of discharge:	120mA
Max discharge current(pulse):	200mA
Operating temperature range:	-55°C ~ +85°C

 U.L. Component Recognition MH 29130

Physical Specifications

Diameter(max.)	18.8mm
Height(max.)	50.5mm
Weight(max.)	30g

Available terminations

S: Standard termination

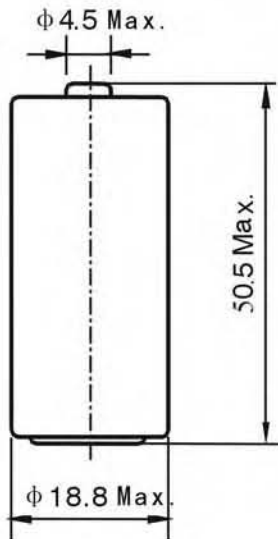
T: Solder tabs

P: Axial pins

Special terminations are available upon request.

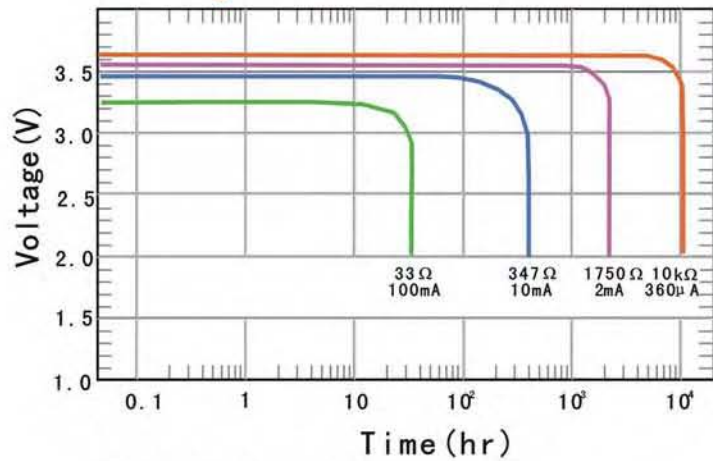
MSDS is available upon request.

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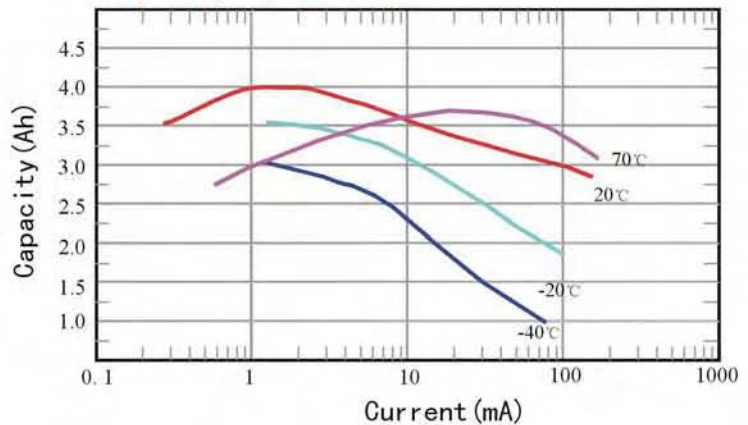


S: Standard termination

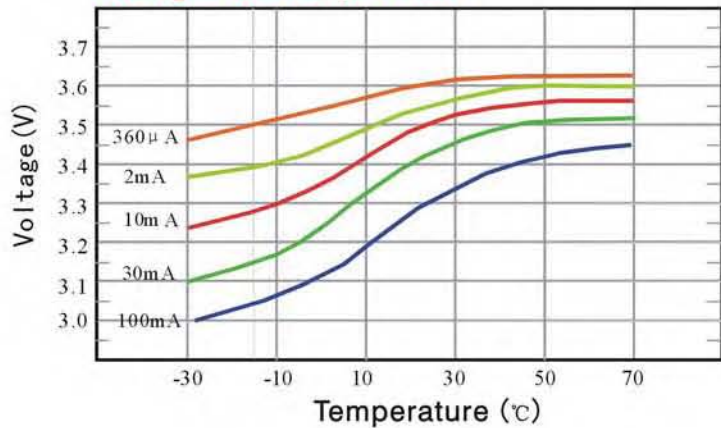
Discharge Characteristics at $23 \pm 2^\circ\text{C}$



Capacity VS. Current



Voltage VS. Temperature



Warning

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