

ER14505

3.6V Primary Lithium Thionyl Chloride High Energy AA-size 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
- Memory back-up
- Automotive electronics
- Alarm systems
- Industrial applications

Electrical Specifications

(23±2°C)

Nominal capacity(2mA~2V):	2.4Ah
Rated voltage:	3.6V
Max constant current of discharge:	100mA
Max discharge current(pulse):	200mA
Operating temperature range:	-55°C~+85°C

UL U.L. Component Recognition MH 29130

Physical Specifications

Diameter(max.)	14.5mm
Height(max.)	50.5mm
Weight(max.)	22g

Available terminations

S:Standard termination

T:Solder tabs

P:Axial pins

Special terminations are available upon request.

MSDS is available upon request.

ER14505

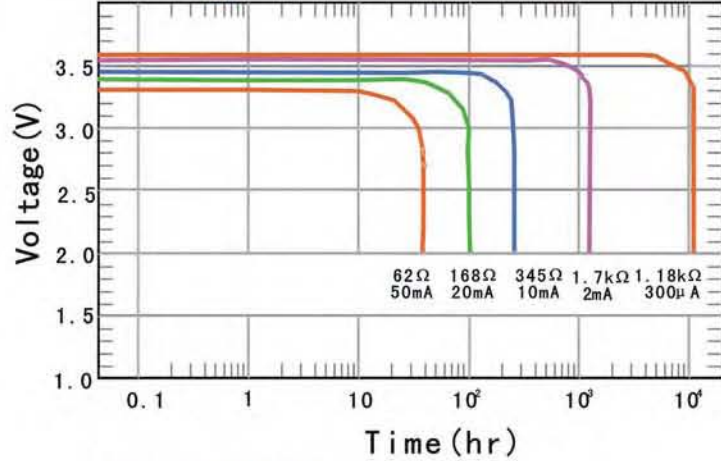


S: Standard termination

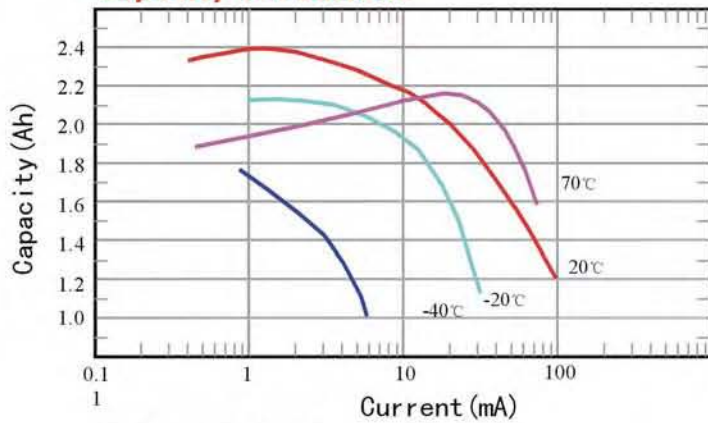
Warning

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

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



Capacity VS. Current



Voltage VS. Temperature

