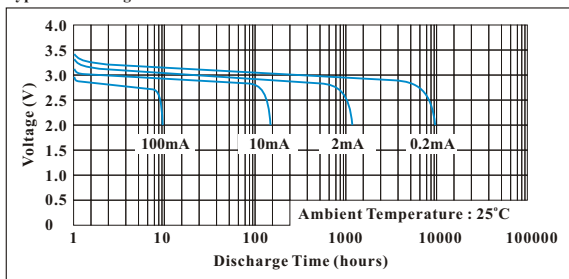


# LITHIUM THIONYL CHLORIDE BATTERY

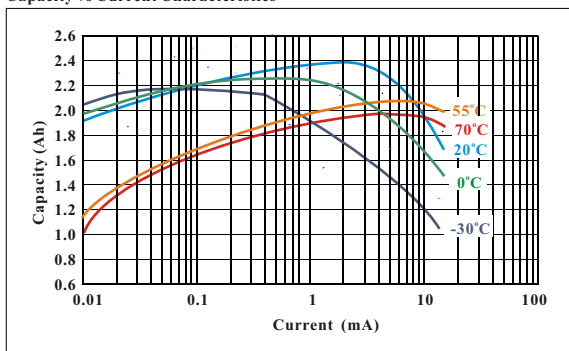
## SPECIFICATIONS

Model	: ER14505-1L
Description	: Lithium Thionyl Chloride battery (LiSOCl <sub>2</sub> ), size AA, Bobbin (High Energy) Type
Nominal Capacity	: 2400mAh at 2mA discharge at 25°C to 2.0V
Nominal Voltage	: 3.6 V
Cut-Off Voltage	: 2.0 V
Weight	: 19 g
Estimated Shelf-Life	: 10 years (for reference only, tested by storage at 60°C for 200 days)
Recommended Drain	Standard : 2mA Continuous : Max. 100mA at 25°C 1s Pulse : Max. 200mA (conditions apply)
Operating Temperature	: -55°C to 85°C
Storage Temperature	: Max. 30°C
Service Life	: Typ. 190hrs at 10mA continuous discharge at 25°C : Typ. 1200hrs at 2mA continuous discharge at 25°C
Warning	Please take into consideration of passivation in product design process. For some equipments, de-passivation may be needed before usage. Do not recharge, over-discharge, short circuit, disassemble, direct soldering, put into fire, put into water, use inverse polarity, mix new and old battery. May cause explosion, burning, or leaking.

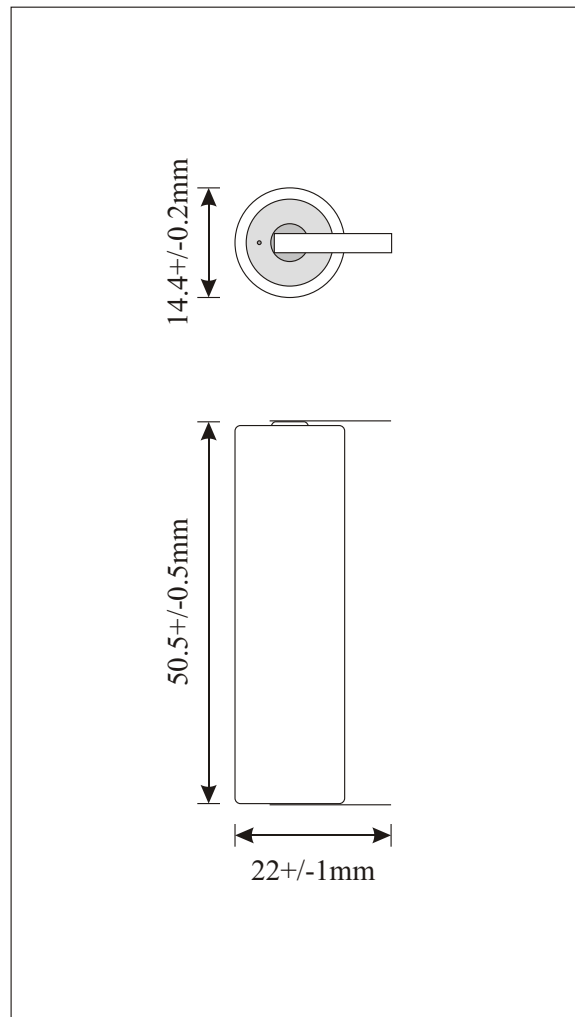
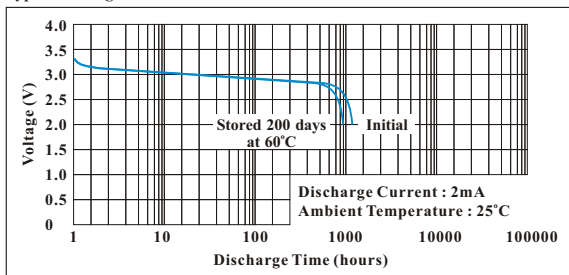
Typical Discharge Characteristics



Capacity vs Current Characteristics



Typical Storage Characteristics



Information is for references only.

Model : ER14505-1L  
Version : 2.71

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