



Battery Products

ER14505M 3.6V

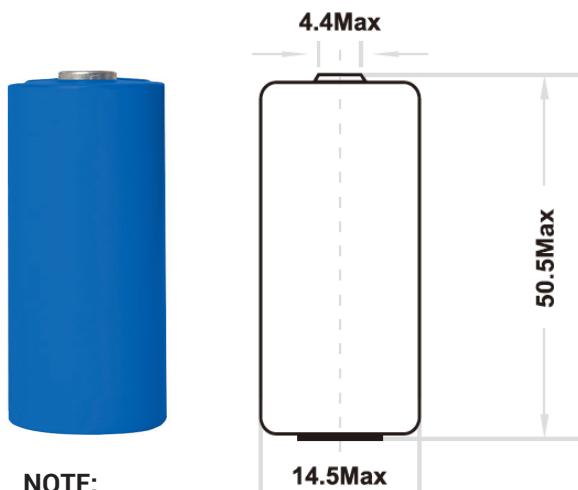
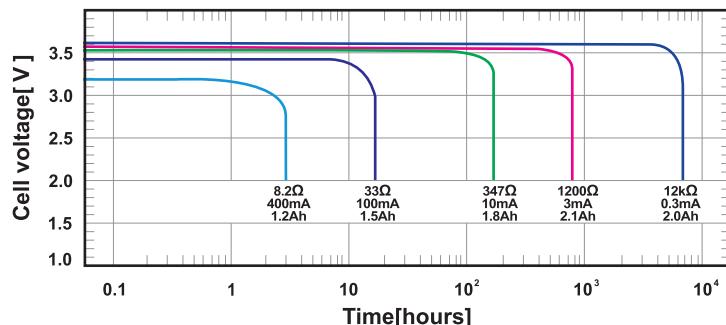
Spiral Type Lithium Thionyl Chloride Battery

■ SPECIFICATIONS	
Nominal Capacity	2100mAh 3mA, +23°C, 2.0V cut off
Nominal Voltage	3.6V
Max Recommended Continuous Current	300mA discharged to 2.0V at +23°C
Maximum Pulse Capability	1000mA Battery discharged w/ 1000mA, 0.5 sec. pulses every 2 minutes, at +23°C from undischarged cells with 20µA base current, yield voltage readings above 2.7V, values may vary.
Weight	20g
Operating Temperature Range	-55°C ~ +85°C Stored in clean, dry, and cool environment
Storage	+20°C ~ +30°C Stored in clean, dry, and cool environment

■ BENEFITS	
• High and stable operating voltage	
• Long shelf life	Annual self discharge rate lower than 1% at +25°C
• Long operating life	
• High energy density	
• Wide operating temperature range	
• Stainless steel can and cover	
• Hermetic glass-to-metal sealing	
• Non-flammable electrolyte	
• UL Recognized	
• RoHS/REACH Compliant	

■ APPLICATIONS	
• Intelligent Instrument	
• Utility Meters	
• Military Electronics Instrument	
• Alarms or Security Equipment	
• Memory Backup	
• GPS Tracking	
• IoT	
• Car Electronics	
• Professional Electronic Equipment	

■ Discharge Characteristics at 23°C



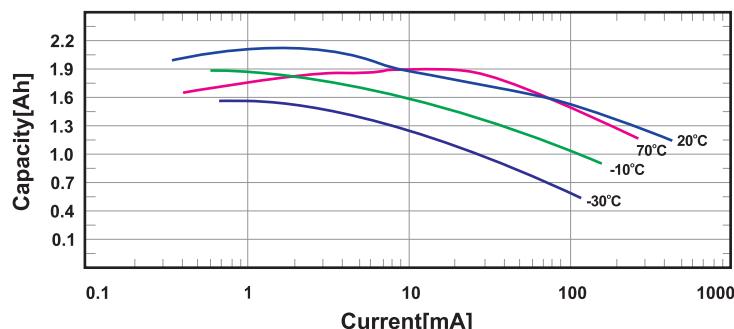
NOTE:

Color of heatshrink sleeve may vary

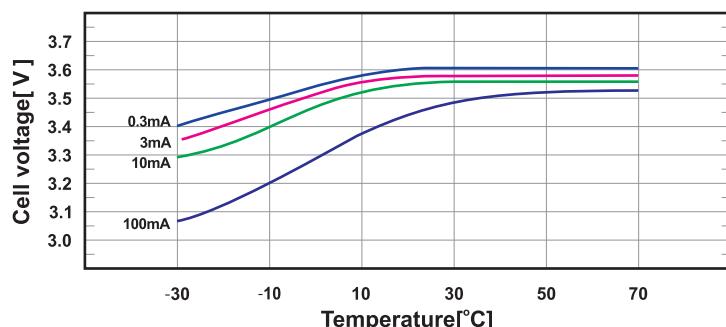
■ Available Terminations

- S: Standard Termination
- T: Solder Tabs
- P: Axial Pins
- Customized terminations are available

■ Restored Capacity vs. Current & Temperature



■ Voltage Plateau vs. Current & Temperature



Warning: Do not charge, crush, disassemble, expose contents to water, heating above 100°C or may lead to explosion, burns and chemicals leakage.

REV B