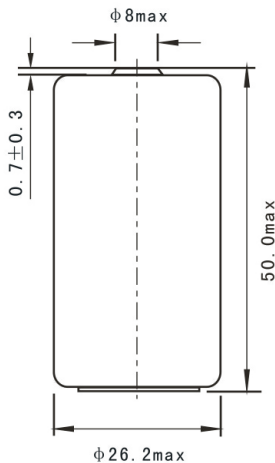


Lithium Thionyl Chloride Battery



■ SPECIFICATIONS	
Nominal Capacity	8500mAh 2mA, +25°C, 2.0V cut off
Nominal Voltage	3.6V
Max Recommended Continuous Current	100mA discharged to 2.0V at +25°C 50% of nominal capacity to be achieved
Maximum Pulse Capability	200mA 200mA, 0.1 sec. pulses every 2 minutes, drained with 50%, 2mA at +25°C from undischarged cells with 20μA base current, yield voltage readings above 2.7V, values may vary
Operating Temperature Range	-55°C ~ +85°C Stored in clean, dry and cool circumstances.
Storage	+20°C ~ +30°C Stored in clean, dry and cool circumstances.



Dimensions in mm
Weight: 53g

Available Terminations	
-/P*	Axial pin
-/T /PT2*	Radial Pin
-/PT /TP*	Polarized Tab
(*) : Reference to Standard Terminals for Single Cells	

■ 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 (700wh/kg)
- Wide operating temperature range
- Stainless steel can and cover
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- UL Recognized

■ APPLICATIONS

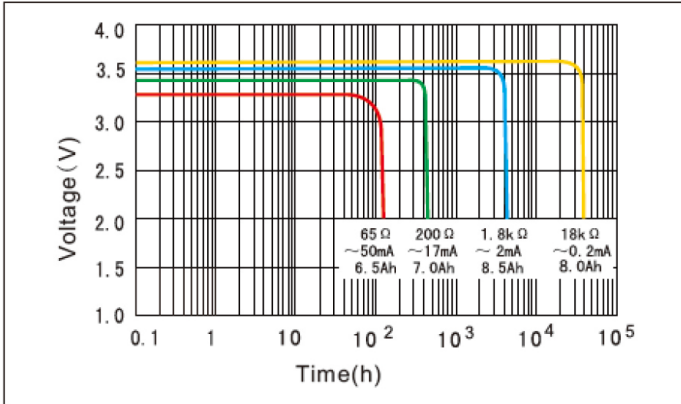
- Intelligent Instrument
- Utility Meters
- Military Electronics Instrument
- Alarms or Security Equipment
- Memory Backup
- GPS Tracking
- IoT
- Car Electronics
- Professional Electronic Equipment

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

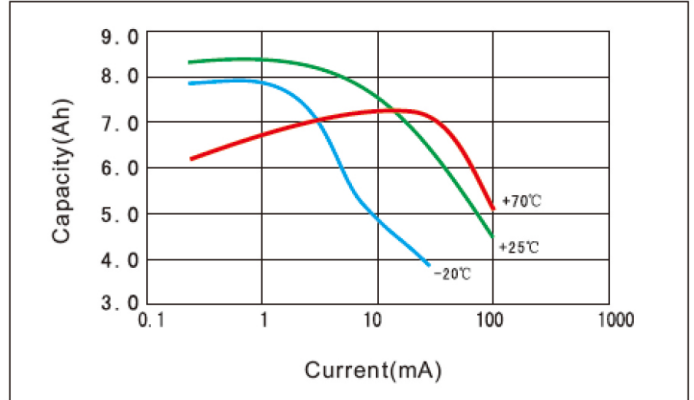


Lithium Thionyl Chloride Battery

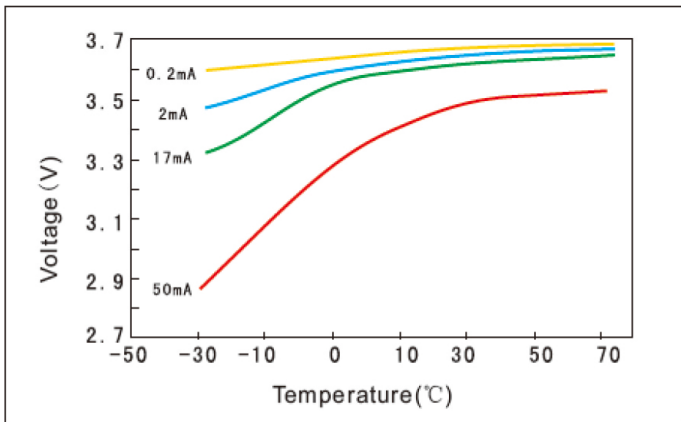
■ Discharge Characteristics at 25°C



■ Capacity vs. Current Curve



■ Voltage vs. Temperature Curve



■ Discharge Characteristics After Storage

