

## Lithium Thionyl Chloride Battery

### ■ SPECIFICATIONS

<b>Nominal Capacity</b>	1200mAh 0.5mA, +23°C, 2.0V cut off
<b>Nominal Voltage</b>	3.6V
<b>Max Recommended Continuous Current</b>	20mA discharged to 2.0V at +23°C
<b>Maximum Pulse Capability</b>	50mA Battery discharged w/ 50mA, 0.1 sec. pulses every 2 minutes, at +23°C from undischarged cells with 5µA base current, yield voltage readings above 2.7V, values may vary.
<b>Weight</b>	11g
<b>Operating Temperature Range</b>	-55°C ~ +85°C Stored in clean, dry, and cool environment
<b>Storage</b>	+20°C ~ +30°C Stored in clean, dry, and cool environment

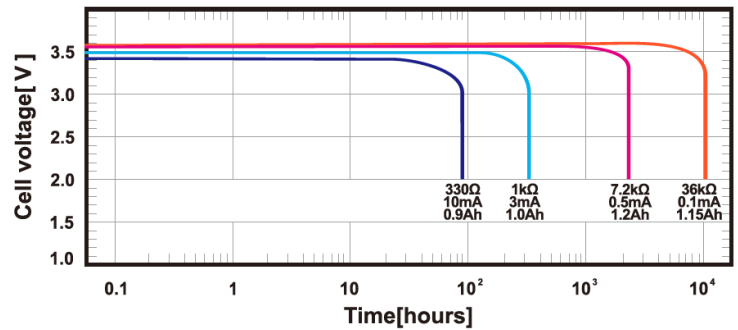
### ■ BENEFITS

- 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

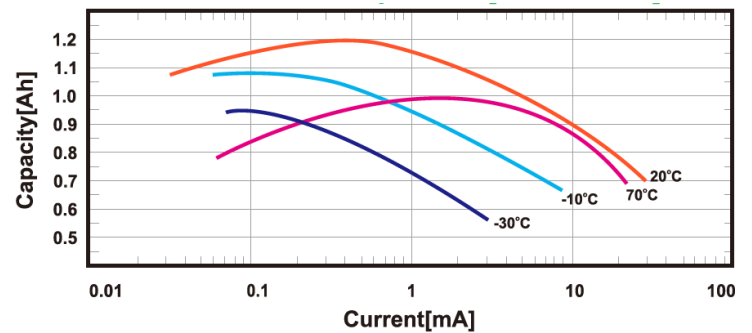
### ■ APPLICATIONS

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

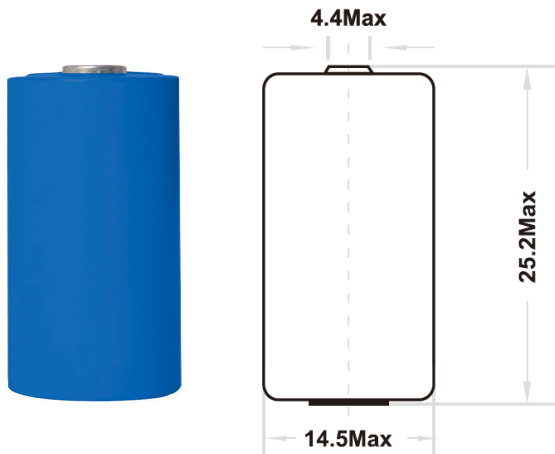
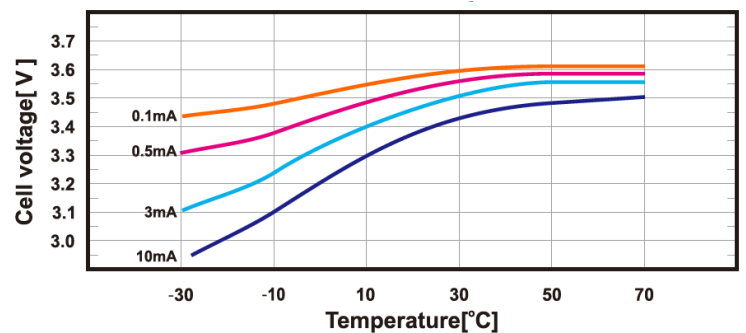
### ■ Discharge Characteristics at 23°C



### ■ Restored Capacity vs. Current & Temperature



### ■ Voltage Plateau vs. Current & Temperature



**NOTE:**

Color of heatshrink sleeve may vary

### ■ Available Terminations

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

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