

Available Terminations	
-/P*	Axial Pin
-/T /PT2*	Radial Pin
-/PT /TP*	Polarized Tab

(\*): Reference to standard terminals for single lithium

### Electrical characteristics

- **Nominal Capacity** ..... 4000mAh  
Stored for one year or less at 2mA, 25°C, 2.0V cut-off
- **Rated Voltage** ..... 3.6V
- **Max. Recommended Continuous Current** ..... 100mA  
Current value is determined to be the level at which the nominal capacity is obtained with an end voltage of 2.0V at 25°C
- **Max. Pulse Current** ..... 200mA  
Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C
- **Storage (Recommended Max. Temperature)** ..... 30°C
- **Operating Temperature Range** ..... -55°C~ +85°C
- **Approximate Weight** ..... 35g

## ER20505 Specification

Primary Lithium Thionyl Chloride  
3.6V, 4000mAh

### Key Features

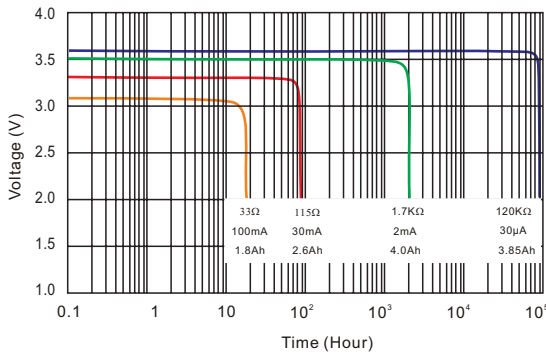
- High and stable operating voltage
- Low self-discharge rate - less than 1% after 1 year of storage at +20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

UL Component Recognition  
File Number MH45330

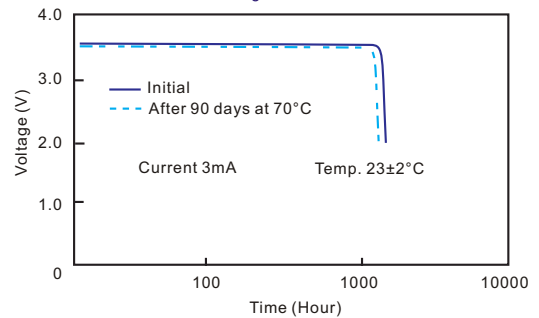
### Main Applications

- Alarm and security devices
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment etc.

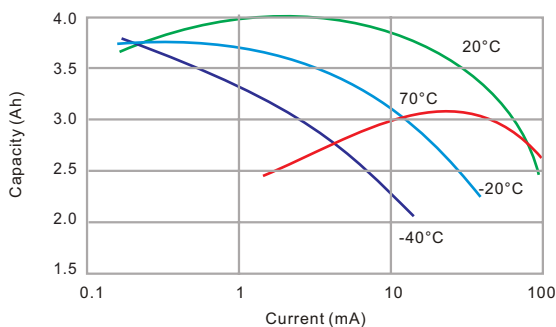
Typical Discharge Profile At 25°C



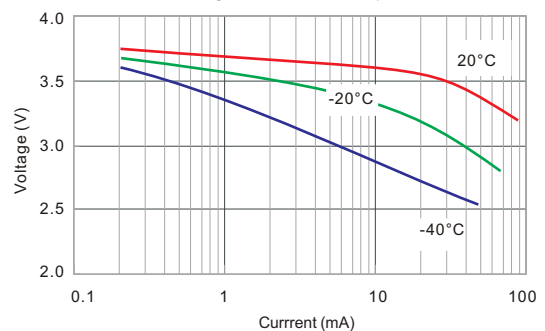
Storage Characteristics



Capacity vs Current vs Temperature



Voltage vs Current vs Temperature



**WARNING:** Risk of fire and burn. Do not recharge, disassemble, heat above 100°C or incinerate. Do not mix fresh batteries with used batteries.