

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

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

### Electrical characteristics

■ <b>Nominal Capacity</b> .....	1800mAh
Discharged capacity at 20mA, 150°C to end voltage 2.5V.	
■ <b>Rated Voltage</b> .....	3.6V
■ <b>Max. Recommended Continuous Current</b> .....	100mA
100% capacity available at 100mA discharged to cut-off voltage 2.0V at 150°C	
■ <b>Max. Pulse Current</b> .....	200mA
300mA, 0.1second pulses every two minutes, drained with 50%, 50mA at 150°C from undischarged cells with 2uA base current, yield voltage reading above 2.7V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history.	
■ <b>Storage (Recommended Max. Temperature)</b> .....	lower than 30°C
■ <b>Operating Temperature Range</b> .....	-20°C~ +150°C
■ <b>Approximate Weight</b> .....	20g

## ER14505S Specification

Primary Lithium Thionyl Chloride  
High Temperature Type 3.6V, 1800mAh

### 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-flammable electrolyte

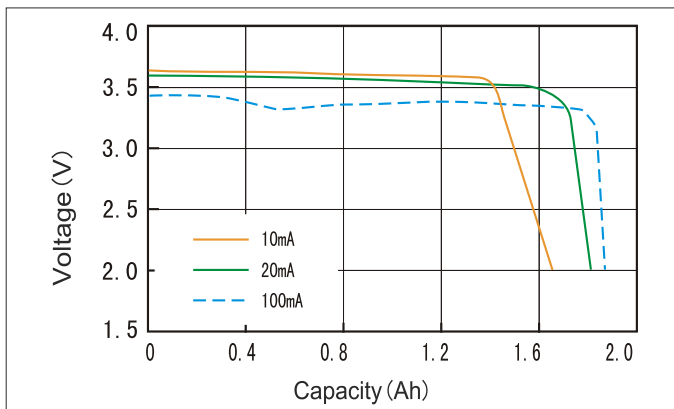


UL Component Recognition  
File Number MH45330

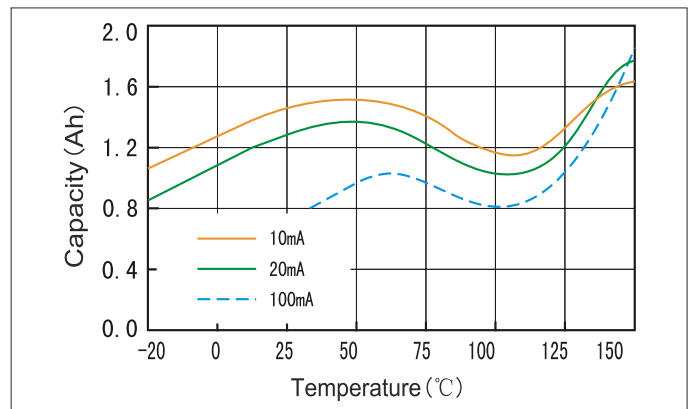
### Main Applications

- Oil field exploraton
- Mine & pit exploration
- Meters
- Pipeline facility
- Military equipment
- etc.

Discharge characteristics at 150°C



Capacity vs Temperature curve (cut off with 2.0V)



**WARNING:** Risk of fire and burn. Do not recharge, disassemble, heat above 160°C or incinerate. Do not mix fresh batteries with used batteries.

\*\*Note: The data in this document are for descriptive purposes only and subject to change without prior notice.