

Dimension in mm

### Electrical characteristics

(Typical values for cells stored for one year or less at +25°C)

■ <b>Nominal Capacity</b> .....	500mAh
Stored for one year or less at 1.0mA, 25°C, 2.0V cut-off	
■ <b>Rated Voltage</b> .....	3.6V
■ <b>Max. Recommended Continuous Current</b> .....	5mA
Current value is determined to be the level at 50% of nominal capacity is obtained with an end voltage of 2.0V at 25°C	
■ <b>Max. Pulse Current</b> .....	15mA
■ <b>Storage (Recommended Max. Temperature)</b> .....	30°C
■ <b>Operating Temperature Range</b> .....	-55°C~ +120°C
■ <b>Approximate Weight</b> .....	9g

## ER2450 Specification

Primary Lithium Thionyl Chloride  
3.6V, 500mAh

### Key Features

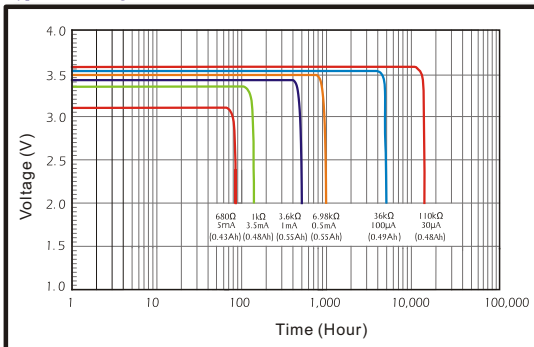
- High and stable operating voltage
- Low self-discharge rate - less than 1% after 1 year of storage at +20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

UL Component Recognition  
File Number MH45330

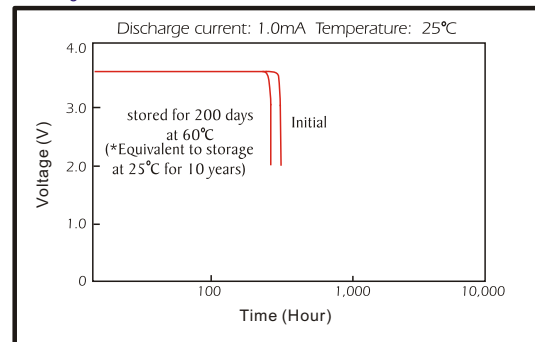
### Main Applications

- TPMS
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment
- GPS tracking

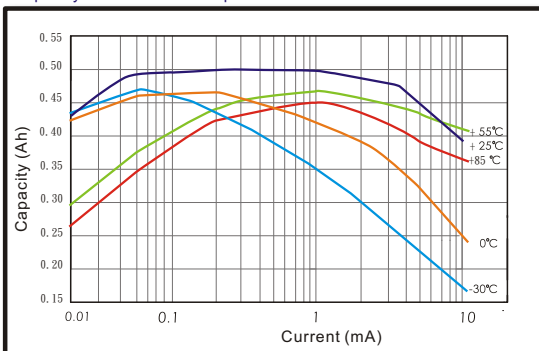
Typical Discharge Profile At 25°C



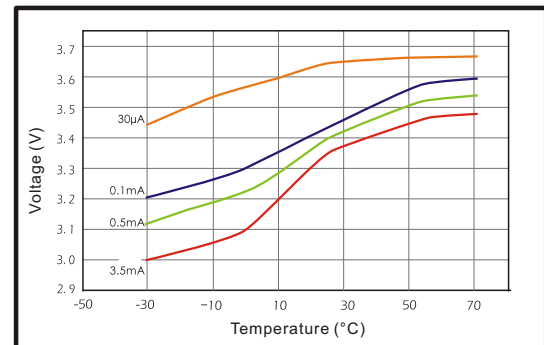
Storage Characteristics



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.

\*\*Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.