

LITHIUM BATTERIES



Cell size references:C

**ER26500S**  
**3.6V 4200mAh**

lithium-thionyl chloride batteries

**Electrical Characteristics**

(Stored for one year or less)

● Nominal Capacity (100mA to 2.0V, at 25°C)	4200mAh
● Nominal voltage	3.6V
● Max continuous discharge current	100mA
● Max. Pulse current Current value is obtained 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C	200mA
● Storage temperature	20°C ~ 30°C
● Operating temperature	-20°C ~ 150°C
● Weight(approx)	55g

**WARNING:**

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 150°C, incinerate or expose contents to water.

**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
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

**Main Applications**

- TPMS
- Alarms and security system
- Memory back-up
- Tracking system
- Automotive electronics
- Professional electronics
- Computer real-time clocks

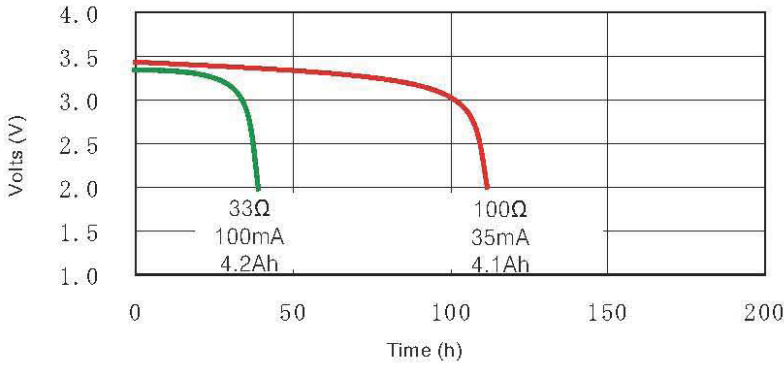
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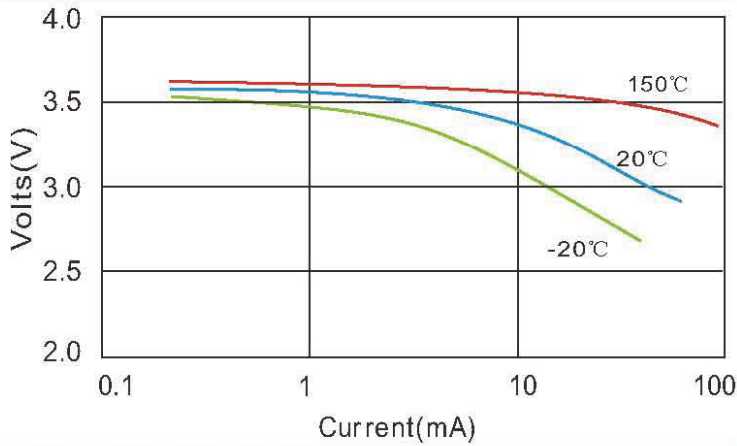
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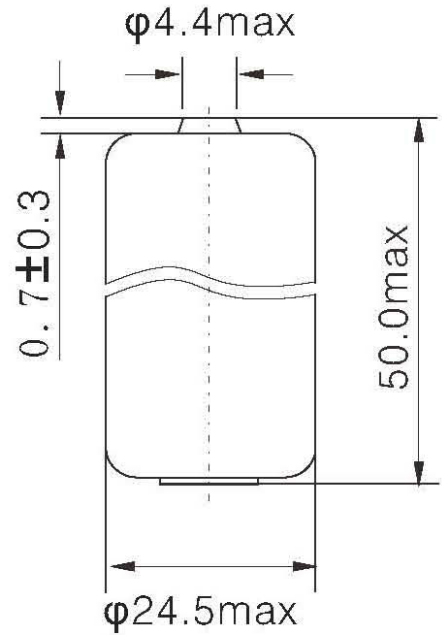
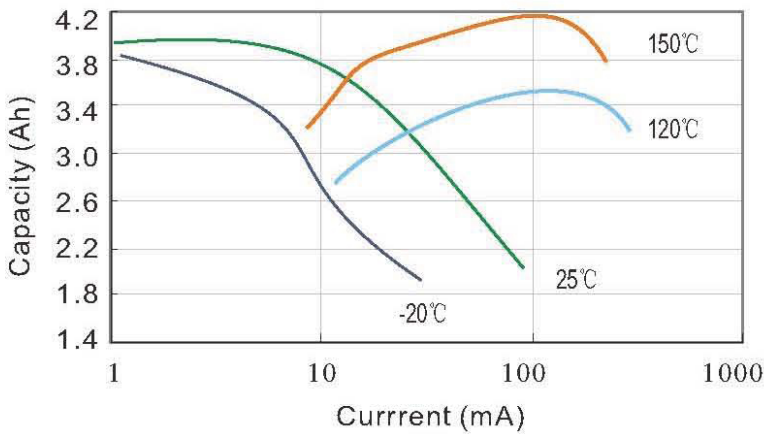
Typical Discharge at 150°C



Voltage Plateau Versus Current and Temperature



Capacity Versus Current and Temperature



Unit: mm

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