

LITHIUM PRIMARY BATTERIE



Cell size references:AA

Electrical characteristics

(Stored for one year or less)

◉ Nominal Capacity (20mA to 2.0V, at 25°C)	1600mAh
◉ Nominal voltage	3.6V
◉ Max continuous discharge current	100mA
◉ Max. Pulse current Current value is obtaining 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	0°C ~ 150°C
◉ Weight(approx)	20g

WARNING:

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

ER14505S 3.6V 1600mAh

lithium-thionyl chloride batteries

Key features

- High and stable operating voltage
- Low self-discharge rate
Less than 1% after 1 year of storage at 25°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Restricted for transport (Level 9)

Main applications

- COMS memory and RTC backup
- Alarms and security system
- Toll tags and RFID transponders
- Tracking system
- Automotive electronics
- Professional electronics
- Computer real-time clocks

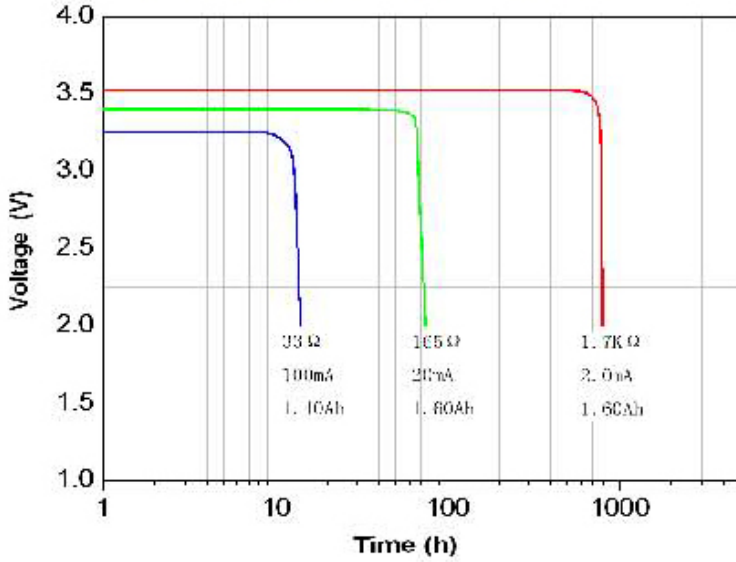
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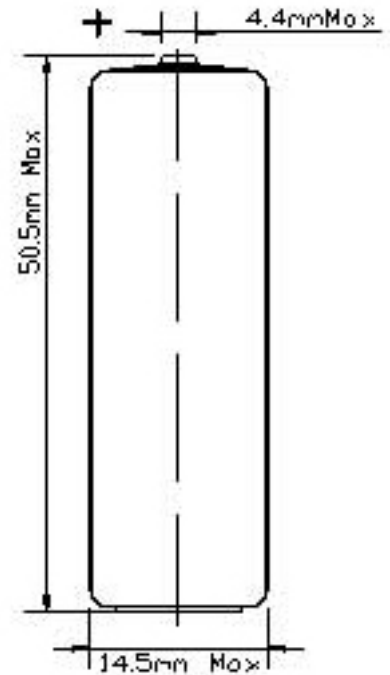
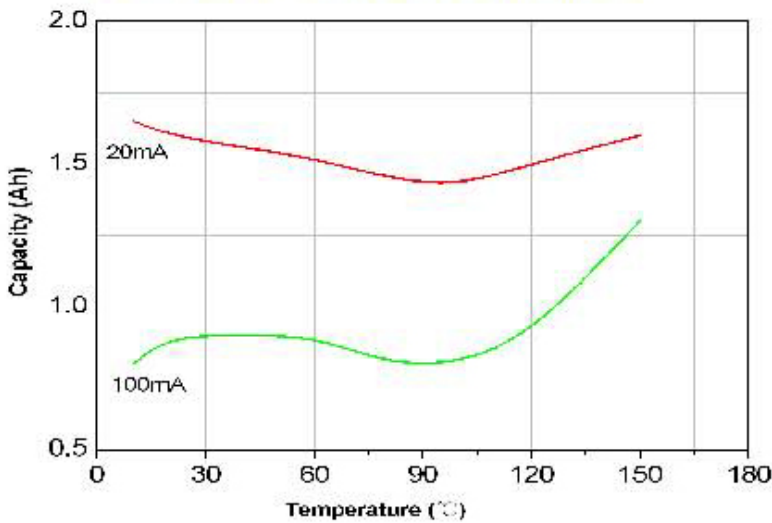
ER14505S

lithium-thionyl chloride batteries

1. Discharge characteristics (+150°C)



2. Capacity VS. Current & Temperature



Unit: mm