

ER14505H 3.6V




Electrical characteristics

(Typical values relative to cells stored for one year at +30 °C max)

● Nominal capacity	2700mAh
Discharged capacity at 1mA, +25 °C, 2.0V cut off	
● Open circuit voltage	3.66V
● Max. recommended continuous current	50mA
Discharged to 2.0V at +25 °C permitting 50% of the nominal capacity to be achieved	

Key features

- High and stable operating voltage
- Long shelf life
- Annual self-discharge rate lower than 1% at +25 °C
- Long operating life
- High energy density (700wh/kg)
- Wide operating temperature range
- Stainless steel can and cover
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

 UL Component Recognition
File Number MH46165

● Max. Pulse capability

150mA

150mA, 0.1 second pulses every 2 minutes, drained with 50%, 1mA at 25 °C from undischarged cells with 20µA base current, yield voltage readings above 2.7V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history

● Operating temperature rang

-55 °C ~ +85 °C

STORAGE:

Stored in clean, dry and cool circumstances (the temperature should be 20 degrees or lower, less than 30 degrees)

WARNING:

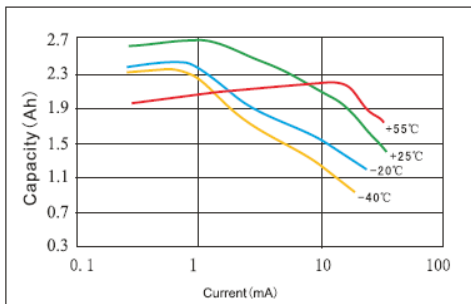
Don't charge, crush, disassemble, expose contents to water, heat above 100°C or may lead to explosion, burn or poison goods leakage. Discarded battery should be buried deeply to the ground.

Main applications

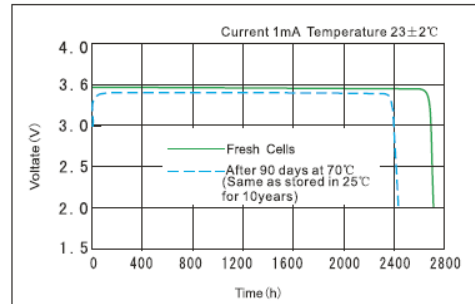
- Public instrument
- Alarms or security equipment
- Memory backup
- GPS tracking
- Car electronics
- Professional electronic equipment
- Real time clock
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Information in the document is just for reference, not for guarantee of battery performance, the quality of battery is subject to the buyer and seller's final confirmation in the contract.

Capacity vs Current curve (cut off with 2.0V)



Discharge characteristics after storage



ER14505H 2700mAh

Discharge characteristics at 25°C

