

# ER14505

## ELECTRICAL CHARACTERISTICS

Nominal Capacity 2.7Ah

(1mA,+25°C 2V cut off.The capacity restored by the cell varies according to current drain, temperature and cut-off)

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Nominal Voltage 3.6V

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Max.continuous current 50mA

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Max.Pulse Capability 100mA

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Storage(recommended)Max.30°C

(For more severe conditions,consult XKTD)

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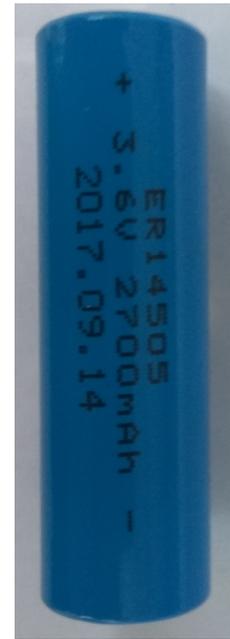
Operating Temperature Range -60°C~+85°C

(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings)

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Weight Approx. 19g

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SIZE:AA

(For different connecting methods see page 3)

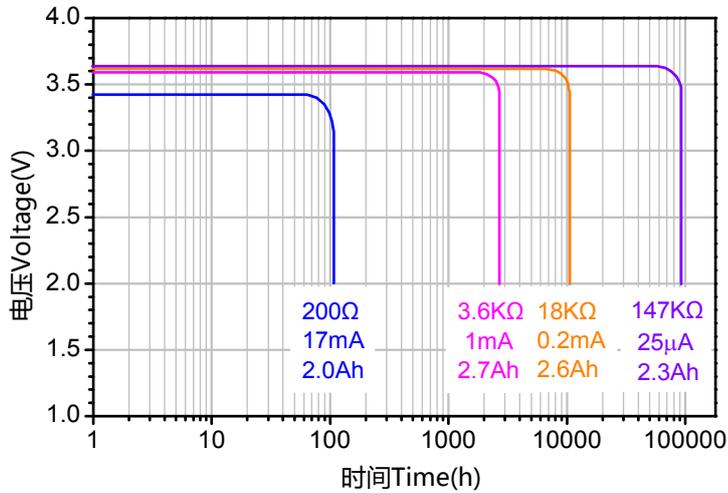
## KEY FEATURESAPPLICATION

- High and stable operating voltage
- Low self discharge rate (less than 1% after 1 year of storage at 25°C)
- Long storage life
- Stainless steel container (with low magnet)
- Widely operating temperature range
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- CE, SGS recognized, ISO9001 approved
- Utility metering
- Memory back-up
- Alarms and security devices
- Tollgate systems
- Military electronics
- Automotive electronics
- Professional electronics
- GPS tracking
- Real time clock

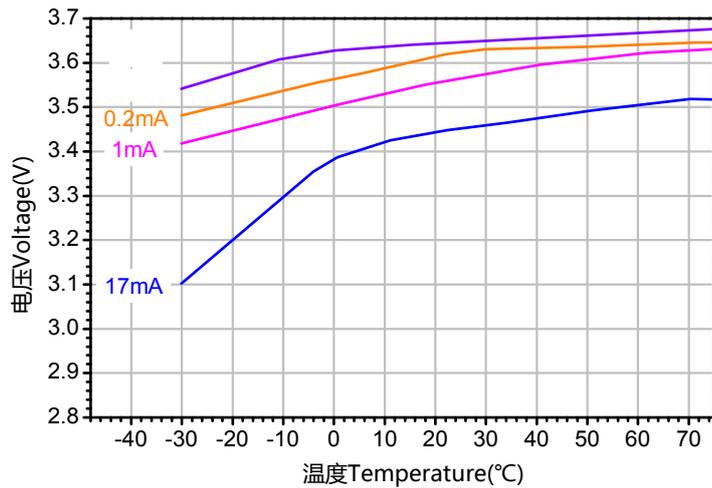
Note: Information in the document is just for reference. Latest edition of the publication, the right of

interpretation subject to XKTD.

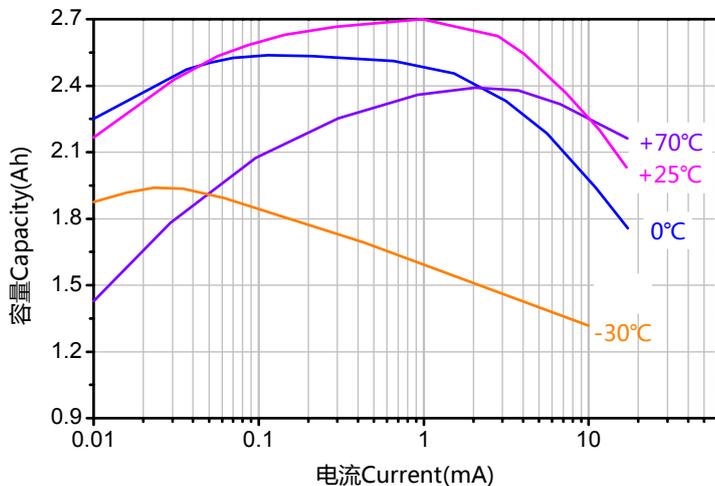
### DISCHARGE CHARACTERISTICS ( +25°C )



### VOLTAGE VERSUS TEMPERATURE



### CAPACITY VERSUS CURRENT



### WARNING

- ✧ It is strictly forbidden to have the battery positive and negative short circuit, charging, discharging, heating over 100 °C, remove, anatomy, or may cause explosion, combustion, internal acid leakage.
- ✧ Prohibit direct welding in the surface of the battery, should use in advance set with wire or lead battery .
- ✧ Can not use mixed with old and new battery or mixed use different kinds battery.
- ✧ Don't assemble the batteries from different manufacturers.
- ✧ Do not use the battery over the temperature range.
- ✧ Discharged battery should be buried deeply in the ground.

**Available Terminal**

TC	
2PT	
3PT	
AX	