

# ER18505

## ELECTRICAL CHARACTERISTICS

Nominal Capacity 4Ah  
(2mA ,+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 100mA

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Max.Pulse Capability 200mA

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Storage(recommended) Max.30°C  
(For more severe conditions,consult Ramway)

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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.32g

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SIZE:A

## KEY FEATURES

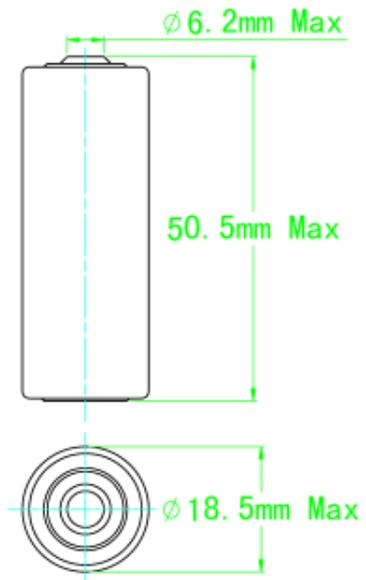
- High and stable operating voltage
- Low self discharge rate(less than 1% after 1 year of storage at 25°C)
- Long storage life
- Stainless steel container(with low magnet)
- Widely operating temperature range
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- CE,UL,SGS recognized,ISO9001 approved

## APPLICATION

- Utility metering
- Memory back-up
- Alarms and security devices
- Military electronics
- Automotive electronics
- Professional electronics
- GPS tracking
- Real time clock
- etc.

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

## DISCHARGE CHARACTERISTICS ( +25°C )



## VOLTAGE VERSUS TEMPERATURE

(For different connecting methods consult RAMWAY)

## CAPACITY VERSUS CURRENT

### WARNING

- ✧ It is strictly forbidden to have the battery positive and negative short circuit, charging, discharging, heating over  $100\text{ }^{\circ}\text{C}$ , remove, anatomy, or may cause explosion, combustion, internal acid leakage.
- ✧ Do not solder directly on the battery, should use wire or nickel sheet by spot welding .
- ✧ Can not mixed use with old and new battery or mixed use different kinds battery.
- ✧ Don't assemble the batteries from different manufacturers.
- ✧ Do not use the battery outside the temperature range.
- ✧ Discharged battery should be buried deeply in the ground.