

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)

Nominal Voltage 3.6V

Max.Continuous Current 100mA

Max.Pulse Capability 200mA

Storage(recommended)Max.30°C

(For more severe conditions,consult XKTD)

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

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

Weight Approx.32g



SIZE:A

(For different connecting methods see page 3)

KEY FEATURESAPPLICATION

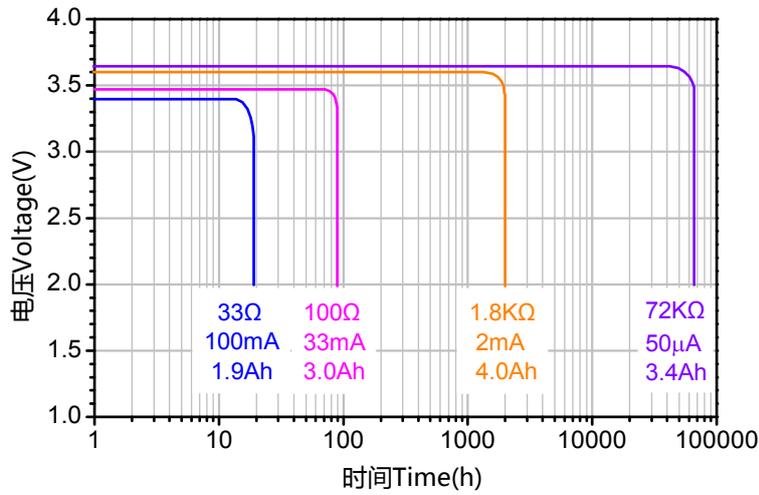
- High and stable operating voltage
- Low self discharge rate (less than 1% after 1 year of storage at 25°C)
- Long storage life
- Stainless steel container (with low magnet)
- Widely operating temperature range
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- CE, SGS recognized, ISO9001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

etc.

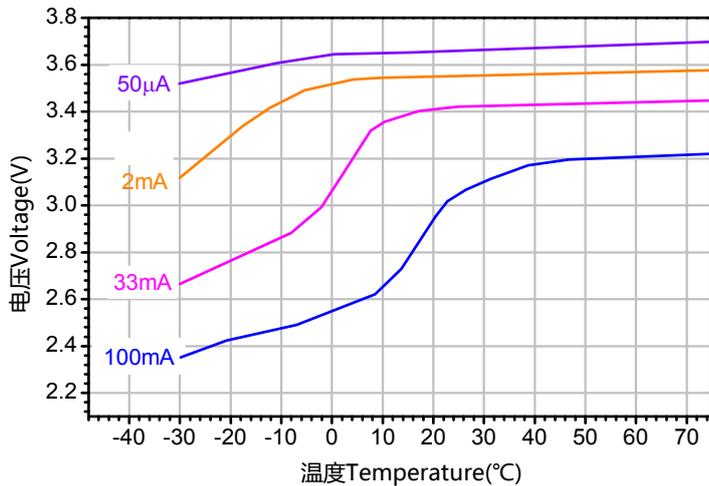
Note: Information in the document is just for reference. Latest edition of the publication, the right of

interpretation subject to XKTD.

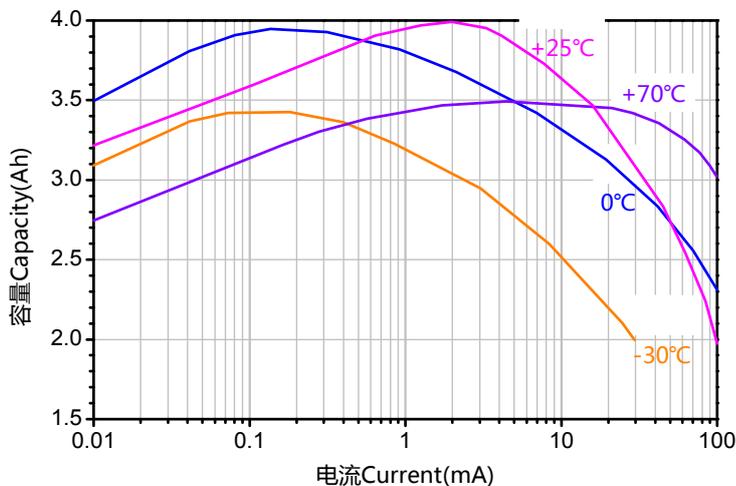
DISCHARGE CHARACTERISTICS (+25°C)



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.
- ✧ Do not solder directly on the battery, should use wire or nickel sheet by pre spot welded.
- ✧ 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 over the temperature range.
- ✧ Discharged battery should be buried deeply in the ground.

Available Terminal

TC



2PT



3PT



AX

