epcom®
POWER LINE

ER17505

ELECTRICAL CHRACTERISTICS

Nominal Capacity (2mA,+25℃ 2V cut off. The capacity restored by the cell varies according to current drain, temperature and cut-off)	3.5Ah
Nominal Voltage	3.6V
Max. Continuous Current	100mA
Max. Pulse Capability	200mA
Storage (recommended) (For more severe conditions,consult EPCOM)	Max.30℃
Operating Temperature Range (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings)	- 60℃～+85℃
Weight	Approx.28g

SIZE:A

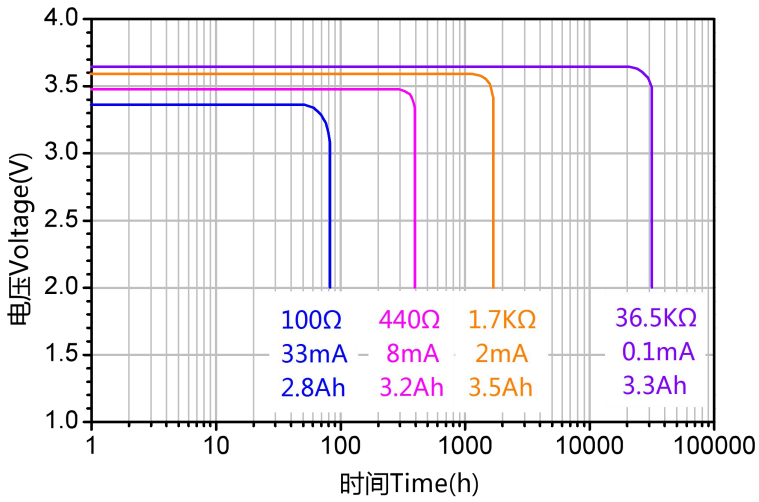
KEY FEATURESAPPLICATION

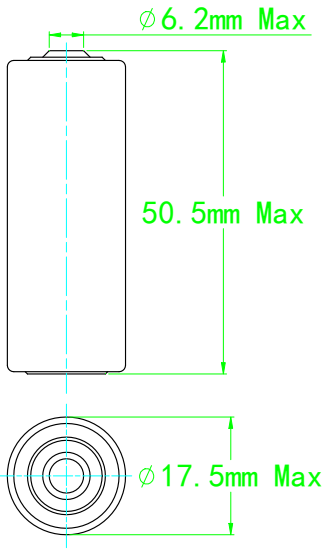
- High and stable operating voltage
- Low self discharge rate (less than 1% after 1 year of storage at 25℃)
- Long storage life
- Stainless steel container (with low magnet)
- Widely operating temperature range
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- CE,SGS recognized, ISO9001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

- Utility metering
- Memory back-up
- Alarms and security devices
- Toll gate 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 EPCOM POWER LINE.

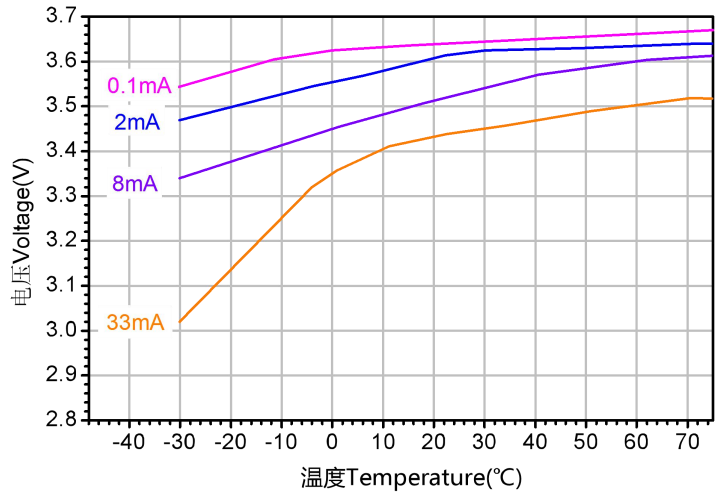
DISCHARGE CHARACTERISTICS (+25℃)



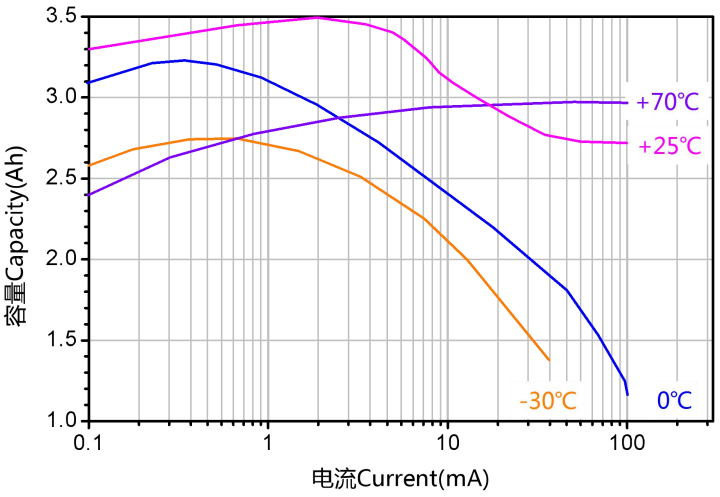


VOLTAGE VERSUS TEMPERATURE

(For different connecting methods consult EPCOM)



CAPACITY VERSUS CURRENT



WARNING

- It is strictly forbidden to have the battery positive and negative short circuit, charging, discharging, heating over 100 ℃, 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.