

ER14505M

ELECTRICAL CHARACTERISTICS

Nominal Capacity	2200Ah
(3mA ,+25°C 2V cut off.The capacity restor	red by the
cell varies according to current drain, temp	erature and cut-off)
Nominal Voltage	3.6V
Max.continuous current	400mA
Max.Pulse Capability	1000mA
Storage(recommended)	Max.30℃
(For more severe conditions,consult Ramw	ay)
Operating Temperature Range	- 60℃~+85℃
(Operation at temperature different from ar	nbient may lead to
reduced capacity and lower voltage plateau	u readings)
Weight	Approx.19g

SIZE:AA

KEY FEATURES

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

APPLICATION

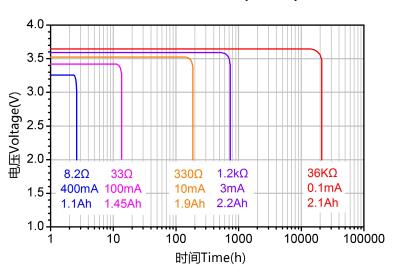
- Utility metering
- Memory back-up
- Tollgate systems
- Alarms and security devices
- Military electronics
- Automotive electronics
- Professional electronics
- GPS tracking
- Real time clock

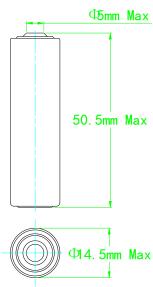


Specification Approval sheet

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

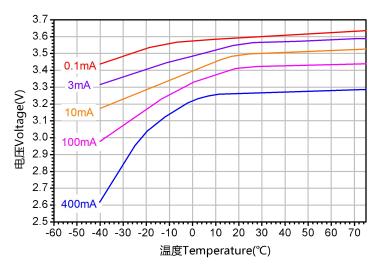
DISCHARGE CHARACTERISTICS (+25°C)





VOLTAGE VERSUS TEMPERATURE

(For different connecting methods consult Akyga



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 exceed the temperature range.
- Discharged battery should be buried deeply in the ground.



Specification Approval sheet

