

ER14505M

ELECTRICAL CHARACTERISTICS

Nominal Capacity	2200Ah
(3mA ,+25 $^\circ\!\mathrm{C}$ 2V cut off.The capacity restore	d by the
cell varies according to current drain, tempe	rature and cut-off)
Nominal Voltage	3.6V
Max.continuous current	500mA
Max.Pulse Capability	1000mA
Storage(recommended)	Max.30 ℃
(For more severe conditions, consult Ramway)	
Operating Temperature Range	- 60℃~+85℃
(Operation at temperature different from am	bient may lead to
reduced capacity and lower voltage plateau	readings)

Approx.19g

SIZE:AA

KEY FEATURES

Weight

- High and stable operating voltage
- Low self discharge rate(less than 1% after 1 year of storage at +25°C)
- 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

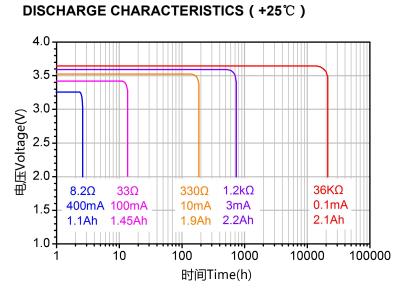
APPLICATION

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



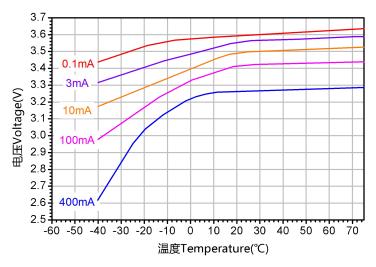
Specification Approval sheet

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



Φ5mm Max 50. 5mm Max

VOLTAGE VERSUS TEMPERATURE



CAPACITY VERSUS CURRENT

(For different connecting methods consult Akyga

)

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

