

# 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)	<b>Max.30</b> ℃
(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

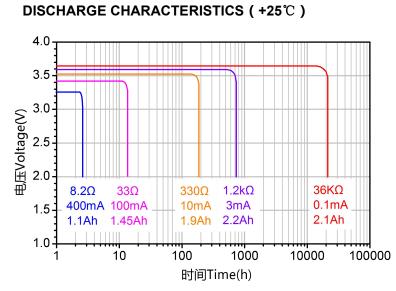
## APPLICATION

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



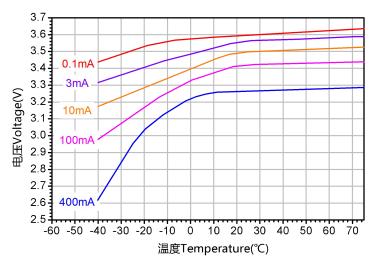
# Specification Approval sheet

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

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# 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.

