Datasheet LS14500 | #133752

2.7Ah



LS14500

ELECTRICAL CHARACTERISTICS

Nominal Capacity

rtorimar Supusity	2.77 (1)
(1mA ,+25 $^{\circ}\mathrm{C}$ 2V cut off.The capacity res	stored by the
cell varies according to current drain, te	mperature and cut-off
Nominal Voltage	3.6V
Max.continuous current	50mA
Max.Pulse Capability	100mA
Storage(recommended)	Max.30°C
(For more severe conditions,consult Ra	mway)
Operating Temperature Range	- 60°C∼+85°C
(Operation at temperature different from	ambient may lead to
reduced capacity and lower voltage plat	eau readings)
Weight	Approx.19g



SIZE:AA

KEY FEATURES

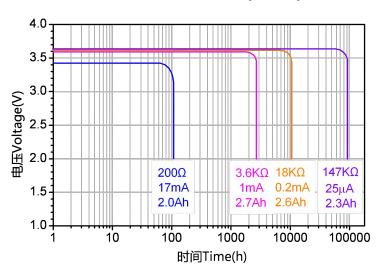
- High and stable operating voltage
- Low self discharge rate(less than 1% after1 year of storage at 25℃)
- Long storage life
- Stainless steel container(with low magnet)
- Widely operating temperature range
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- CE,UL,SGS recognized,ISO9001 approved

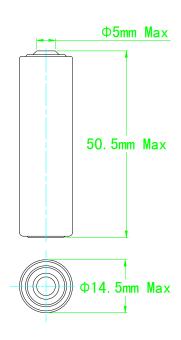
APPLICATION

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

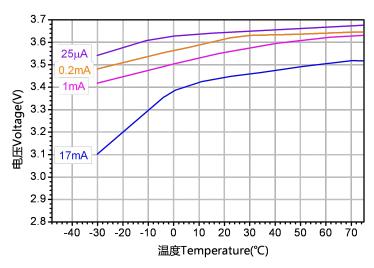
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DISCHARGE CHARACTERISTICS (+25℃)

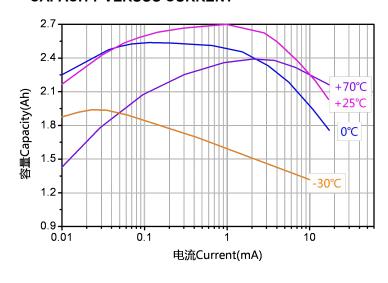




VOLTAGE VERSUS TEMPERATURE



CAPACITY VERSUS CURRENT



WARNING

- It is strictly forbidden to have the battery positive and negative short circuit, charging, discharging, heating over 100 ℃, remove, anatomy, or may cause explosion, combustion, internal acid leakage.
- Prohibit direct welding in the surface of the battery, should use in advance set with wire or lead battery.
- Can not use mixed 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.