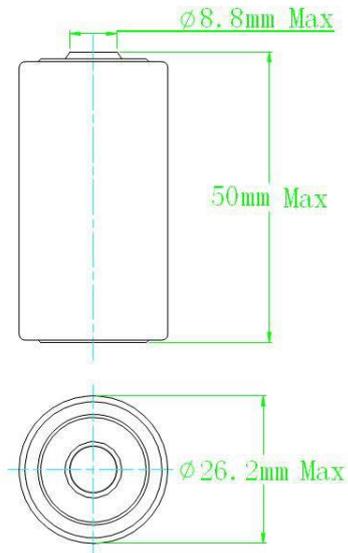


ER26500M



International size reference: C

Lithium-thionyl Chloride
(Li-SOCl₂) Battery

KEY FEATURES

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

ELECTRICAL CHARACTERISTICS

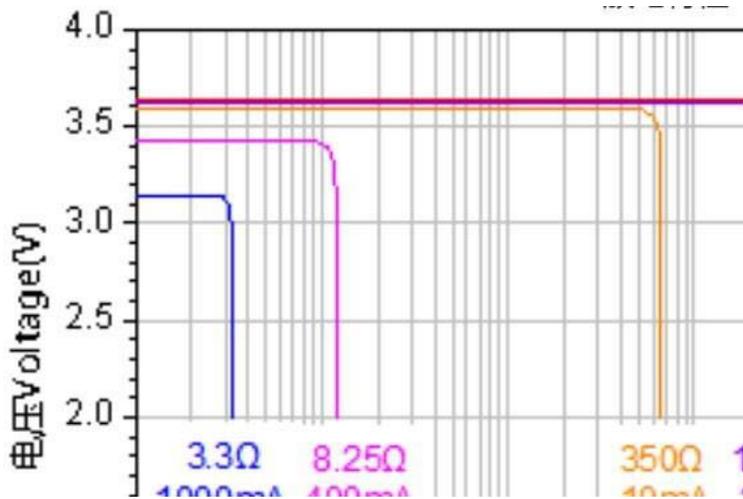
(typical values for cells stored for one year or less, at 25 °C)

Nominal capacity (At 4mA, +25°C, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.)	6.5Ah
Nominal voltage	3.6V
Maximum continuous current (To get 50% of the nominal capacity at +25°C with 2.0V cut off.)	1000mA
Max. Pulse capability:	2500mA
Storage (recommended)	+30°C max
Operating temperature range (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	-60°C / +85°C
Typical weight	Approx.55g

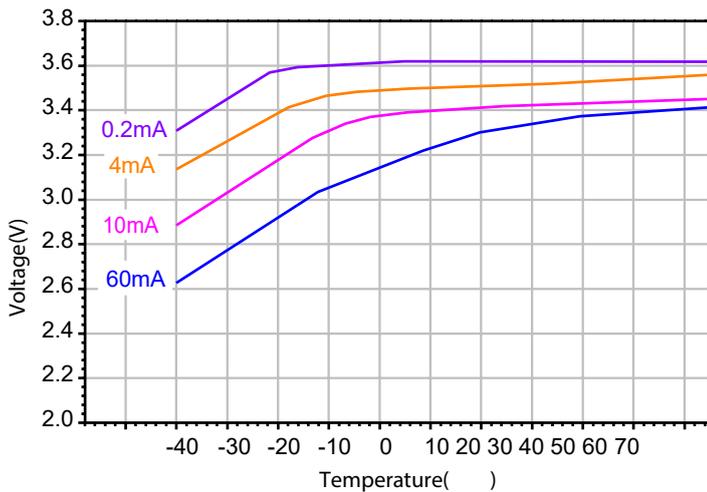
APPLICATION

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

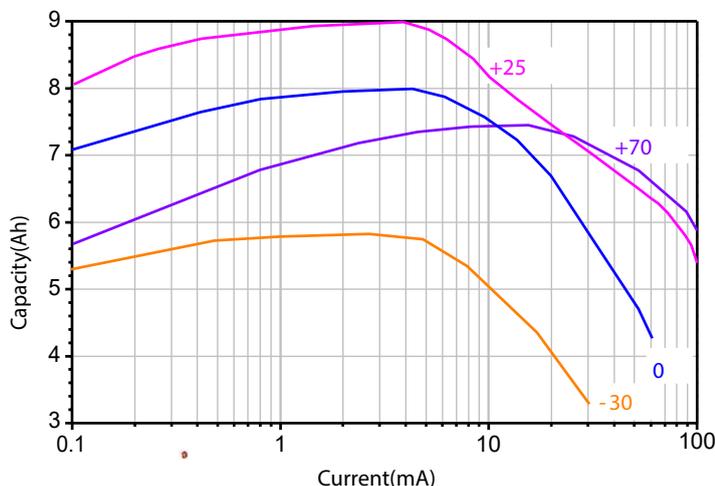
ISCHARGE CHARACTERISTICS (+25°C)



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