

## Primary lithium batteries ER26500 C 3.6V 9Ah

**3.6V Primary lithium-thionyl chloride  
(Li-SOCl<sub>2</sub>) Energy type  
C-size bobbin cell**

For **low drain / long term operating**  
applications requesting superior  
voltage response in -55 °C~+85 °C  
environments.

### Cell size references

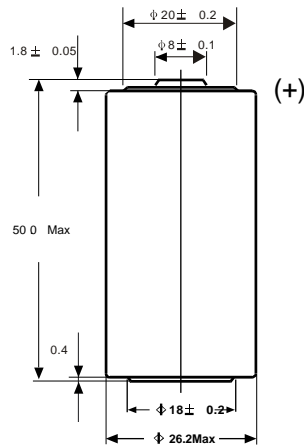
(UM2 - R14 - C)

Alternative models	<b>LS26500/TL-4920/TL-5920/TL-2200/SB-C01/SB-C02</b>
Electrical characteristics	9Ah
(typical values relative to cells stored for one year or less at +86F max.) Nominal capacity(at 2mA +86F 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).	
Open circuit voltage (at +68F )	3.66V
Nominal voltage (at 2mA +68F )	3.6V
Pulse capability: Typically up to 400 mA (400mA / 0.1 second pulses, drained every 2mn at +68F from undischarged cells with 10 µA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell s previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult Batteryspace)	
Max. Continuous current	200mA
Max. Pulse current	400mA
Storage (recommended) (for more severe conditions, consult Batteryspace)	+86F max
Operating temperature range (Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses. Consult Batteryspace)	-76F / +185F
Physical characteristics	
Diameter (max)	26.2mm(1.02 in)
Height (max)	50.5mm(1.98 in)
Typical weight	55g(1.8oz)
Available termination suffix	No tabs Suffix,

## Characteristic curves

Discharge performance < 25 >

**ER26500 C 3.6V**  
**9Ah**



Unit: mm

### Key features

- ▶ High and stable operating voltage
- ▶ Superior drain capability
- ▶ Low self-discharge rate (less than 1% after 1 year of storage at +25°C)
- ▶ Optional stainless steel container for low magnetic and nickel plated steel container for more safe design
- ▶ Hermetic glass-to-metal sealing
- ▶ Notch technology for safety vent is recommended
- ▶ Non-flammable electrolyte

### Main applications

- ▶ Radiocommunication and other military applications
- ▶ Alarms and security systems
- ▶ Beacons and emergency location transmitters
- ▶ GPS
- ▶ Metering systems
- ▶ Sonobuoys
- ▶ LED lighting applications
- ▶ Others

### Storage

- ▶ The storage area should be clean, cool (not exceeding +30°C), dry and ventilated.

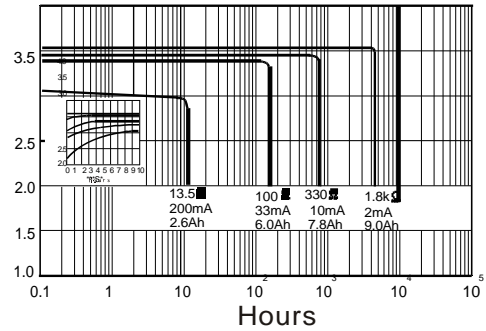
### Warning

- ▶ Do not use if the battery casing was damaged.
- ▶ Please discharge the battery few minutes with 100mA, if the battery voltage is lower than your need or consult AAAPP.
- ▶ Don't use different models of battery in series.
- ▶ Soldering the tab should be finished in few seconds.
- ▶ Do not try to recharge.

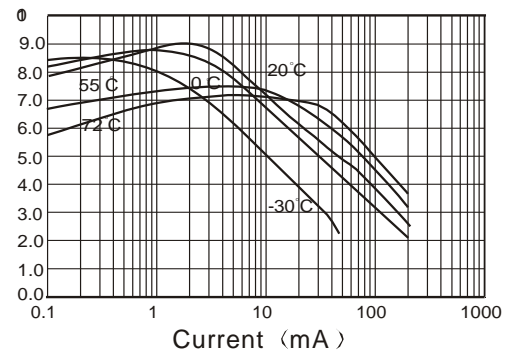
Voltage(V)

Capacity(Ah)

Voltage(V)



### Capacity VS Current



### Voltage VS Temperature

