

# Primary lithium battery

## ER14335M

3.6V Primary lithium-thionylchloride (LiSOCl<sub>2</sub>)  
High energy  
(recommended for cool temperature environments)

Preferably for moderate temperature uses (i.e. indoor applications with occasional T excursions up to +55°C) requesting superior voltage response and operating life.

### Key features

- High and stable operating voltage
- Superior voltage response during pulsing at ambient T
- Low self-discharge rate (less than 2% after 1 year of storage at +20°C)
- Stainless steel container
- Hermetic glass-to-metal sealing
- Built-in safety vent
- Finish with or without flat positive end
- Non-flammable electrolyte
- Restricted for transport

### Main applications

- Utility metering
- Automatic meter readers
- Buoys
- Measuring equipment
- Industrial applications
- Professional electronics etc...

### Optional upon request

- Low magnetic version

### Electrical characteristics

(typical values relative to cells stored for one year or less at +30°C max).

Nominal capacity..... 1.35 Ah

(at 2 mA +20°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).

Open circuit voltage (at +20°C) ..... 3.65V

Nominal voltage (at 0.1mA +20°C) ..... 3.6V

Maximum recommended continuous current ..... 200mA

Maximum pulse current capability ..... 300mA

Storage (recommended) ..... +20°C  
(for more severe conditions, consult Lisun)

Operating temperature range ..... -55 °C/+ 85°C

(Operation above ambient T may lead to reduced capacity and lower voltage plateau readings at the beginning of pulses. Consult Lisun)

### Physical characteristics

Diameter (max) ..... 14.5 mm

Height (max) ..... 34.1 mm

Typical weight ..... 14g

Limetal content approx ..... 0.36g



WUHAN LIXING (TORCH) POWER SOURCES CO., LTD.

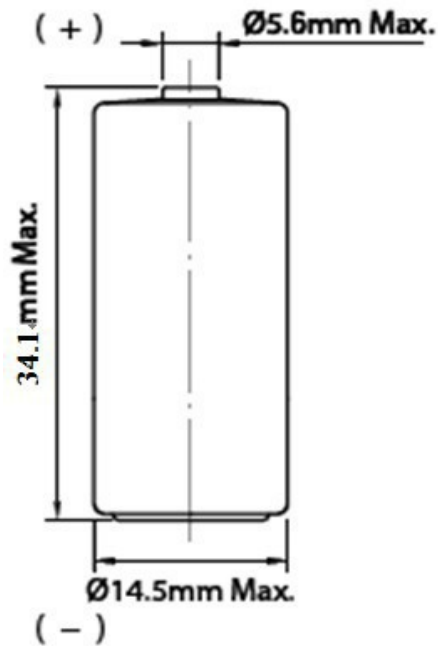
Email: sales@lisun.com; Http: www.lisun.com

Tel. +86 27-87920955, 87921168; Fax: +86 27 87920951

Add: University Garden Road East Lake High-Tech Dev. Zone, Wuhan, China. 430223

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### AVAILABLE TERMINATIONS:

Suffix-/S	Standard
Suffix-/V	Solder Tabs
Suffix-/YX	Flying Leads

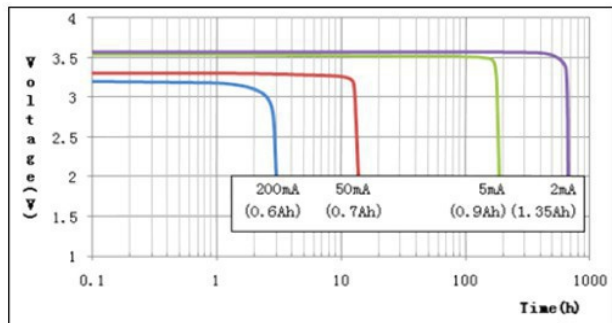
#### Storage

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

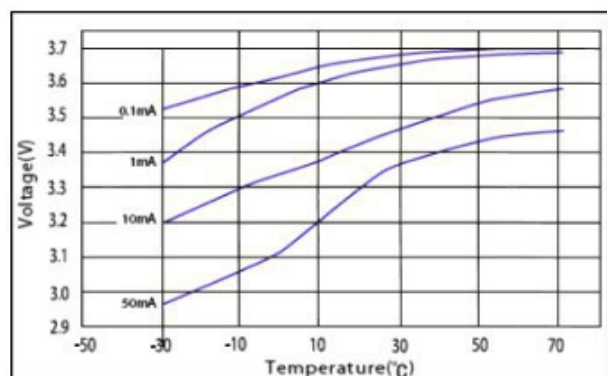
#### Warning

- Fire, explosion and severe burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C (212°F), incinerate, or expose contents to water.
- Do not solder directly to the cell.

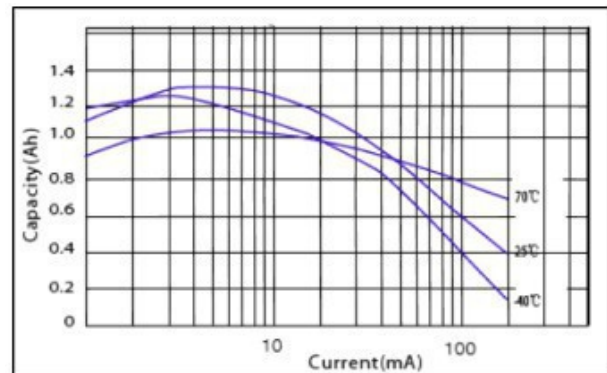
### 1. DISCHARGE CHARACTERISTICS +25°C



### 2. VOLTAGE VS. TEMPERATURE



### 3. CAPACITY VS. CURRENT



### 4. STORAGE CHARACTERISTICS

