Primary lithium-thionyl chloride (Li-SOCl₂) 
**ER34615M**

**Electrical Characteristics**

Typical values relative to cells stored for one year or less at +25°C max.

**Nominal Voltage**

3.6V

**Nominal Capacity**

3.6V

13000mAh

**Max. Recommended Continuous Current**

2000mA

**Max. Pulse Current**

3000mA

3000mA/0.1second pulses, drained every 2 min at +23°C from undischarged cells with 10uA 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 GREEN ENERGY.

**Storage (Recommended)**

+20°C ~ +25°C

**Operating Temperature Range**

-55°C ~ +85°C

**Diameter**

Max. 34.2mm

**Height**

Max. 61.5mm

**Typical Weight**

Approx. 107g

**Li Metal Content**

Approx. 3.3g

**Key Features**

- High and stable operating voltage
- Low self-discharge rate (less than 2% after 1 year of storage at +20°C)
- Wide operating temperature range (-55°C ~ +85°C) / (-67°F ~ +185°F)
- Stainless steel container and cap
- Hermetic glass-to-metal sealing
- RoHS compliant

**Main Applications**

- Radiocommunication and other military applications
- Alarms and security systems
- Beacons and emergency location transmitters
- GPS
- Metering systems
- Sonobuoys
- Tracking systems
- GSM communication

Note: Information above just for your reference, more details please contact Green Energy Battery Co., Ltd.

**GREEN ENERGY BATTERY Co., Ltd.**

Website: www.gebc-energy.com  
E-mail: info@greenergy-battery.com
**Performance**

**Typical discharge characteristic at 23°C**

- Load Voltage (V) vs Time (hours)
  - 1.6mΩ: 2000mA
  - 4.6mΩ: 730mA
  - 330mΩ: 10mA

**Voltage vs Temperature**

- Voltage (V) vs Temperature (°C)
  - 10mA: 2.2V to 3.8V
  - 350mA: 2.4V to 3.7V
  - 730mA: 2.6V to 3.6V
  - 1000mA: 2.8V to 3.4V

**Capacity vs Current**

- Capacity (Ah) vs Current (mA)
  - 20°C: 12Ah to 1.4Ah
  - 55°C: 10Ah to 1.0Ah
  - 70°C: 8Ah to 0.8Ah
  - -20°C: 14Ah to 1.4Ah
  - -40°C: 16Ah to 1.6Ah

**Warnings**

- Fire, explosion and 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 (use tabbed cell versions instead).
- Do not overdischarge, end voltage is 2.0V.

**Storage**

- The storage area should be clean, cool (preferably not exceeding +25°C), dry and ventilated.

**Available Terminations**

- Tag1 (radial tabs)
- 2P, 3P, 3P-RP, 3P-S, 3P-S-RP (radial pins)
- AX (axial leads)
- Connector, Flying Leads...etc.

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