**LITHIUM BATTERY TYPE:**
**ER18505**

### Key Characteristics
- **Chemistry:** Lithium Thionyl Chloride Li Socl2 Batteries
- **Nominal capacity (1mA-2.0v):** 3500mAh
- **Nominal voltage:** 3.6v
- **Max. constant current:** 100mA
- **Max. pulse current:** 200mA
- **Weight:** 32g
- **Volume:** 18.5 X 50.5mm
- **Workable temperature:** -55 ~ +85℃

### Characteristics

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### Main Applications
- Utility meters (electricity meters, water meters, gas meters)
- Security systems (door lockers, smoke alarm sensors, detectors)
- CMOS memory and RTC backup
- Vehicle tracking
- Industrial clocks
- Sea buoys, remote monitoring systems, industrial clocks
- Military electronics

### Key Characteristics

- High and stable operating voltage
- Low self-discharge rate (less than 1% after 1 year storage at 25℃)
- Operating temperature (-55℃~+85℃)
- Hermetic glass-to-metal sealing
- Stainless steel container
- Non-flammable electrolyte
- Bobbin type

### ISO9001:2008 approved

### Warning

- Fire, explosion and severe burn hazard.
- Do not recharge, crush, disassemble, heat, above 212 F (100℃), incinerate, short circuit or expose contents to water.
- Do not reverse the positive and negative pole of battery while using it.
- Do not solder directly on the battery.
- Dispose of used batteries promptly.

Please see latest guidelines, cautions and MSDS online:

http://en.globtek.com/safety-cautions/

Note: Any information here is for reference only. Information is also dependent on actual conditions of use does not guarantee future performance. And subject to change.
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Available terminations:
- /P axial pins
- T/PT2 radial pins
- /PT/TP polarized tabs

Available terminations can be made as requested.

Storage Characteristics

Capacity vs Current

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Tel: +1.201.784.1000
Fax: +1.201.784.0111
Email: sales@globtek.com

www.globtek.com