

# ER34615

## 3.6V Primary Li-SOCl<sub>2</sub> Battery

### D- High energy type

#### Electrical characteristics

##### Nominal capacity

19Ah

(At 23±2°C discharge at constant current 3mA until 2.0V cut off, Battery capacity depending on temperature ,discharge currents and cutoff voltage changes.)

##### Nominal voltage

3.6V

(Micro-current discharge platform voltage reference values has 3.0V to do with battery chemistry system and has nothing to do with the battery model. )

##### Maximum continuous current

230mA

(At 23±2°C the battery can discharge at least the max continuous discharge value which rated capacity 50% can permit.)

##### Maximum pulse discharge current

500mA

(At 23±2°C ,battery discharge duration for 3 seconds and stand 27 seconds, it can discharge at least the max pulse discharge value which rated capacity 50% can permit.)

##### Storage condition

≤30°C&≤75%RH

(Stored the battery under recommends condition to make sure effectively battery's performance, the storage temperature or humidity too high will increase battery's self-discharge rate and reduce battery's storage life.)

##### Operating temperature

- 55°C~+ 85°C

(Exceed the operating temperature range could lead to battery operating voltage reduction or even a security risk. )

##### Outline dimension

Φ32.9×61.5mm

##### Weight

105g

##### Self-discharge rate

1%

(Out of the recommended condition, the self-discharge rate may increase.)



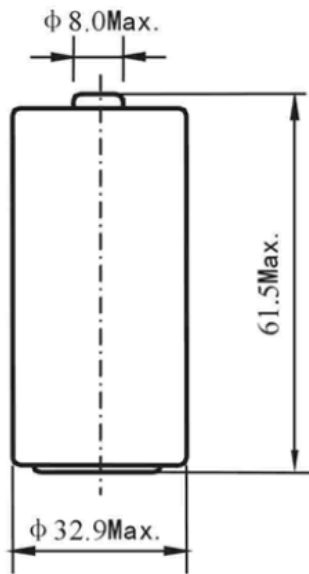
#### Key Features

- ★ High Energy Density
- ★ High single cell voltage
- ★ Stable operating voltage
- ★ Wide Operating temperature range
- ★ Low Self-discharge rate
- ★ Hermetic glass to metal sealing technical
- ★ Long storage life
- ★ Restricted for UL、UN38.3 and ROHS
- ★ Be easy to integrate into the device to use

#### Main applications

- ★ Intelligent instruments
- ★ Safe alarm system
- ★ Signal lights and the post indicator transfer
- ★ back-up record power
- ★ Medical equipment
- ★ Wireless and other military equipment
- ★ Active RFID
- ★ Tyre pressure testing system
- ★ GPS system
- ★ GSM system

# TECHNICAL SPECIFICATION

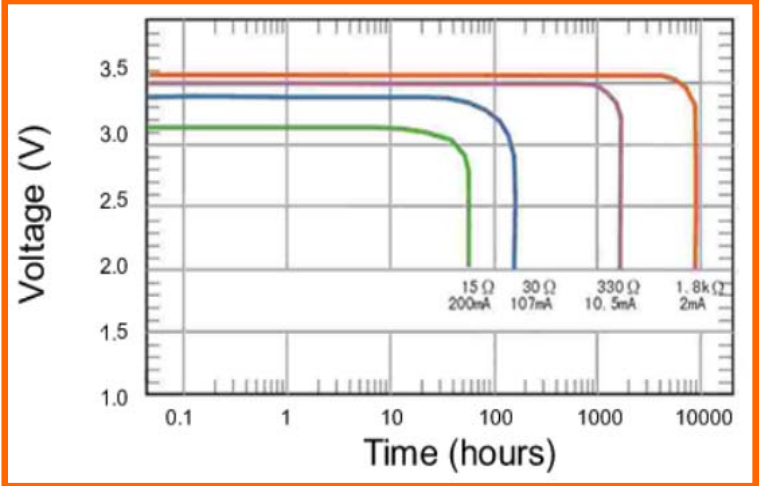


**S:** Standard termination

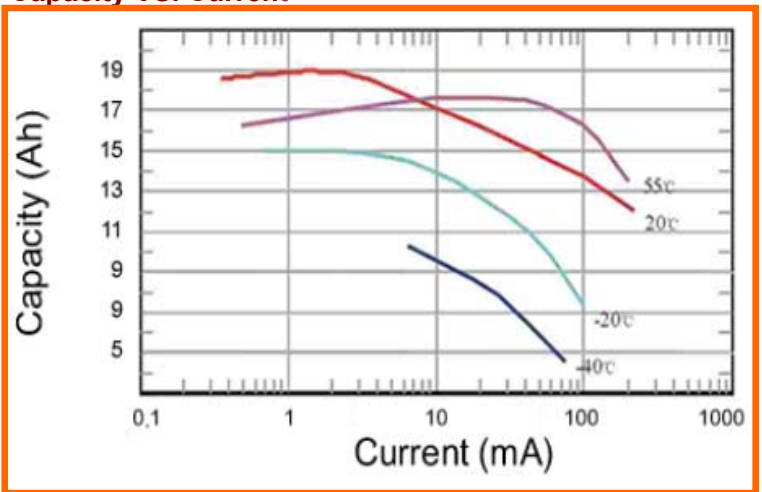
## Warning

- ★ Do not connect the positive and negative terminals of the battery.
- ★ Do not place battery into fire
- ★ Do not weld directly battery long time.
- ★ Do not recharge battery.
- ★ Do not force-discharge.
- ★ Do not combine batteries in series or parallel by oneself.
- ★ Do not reverse the positive and negative terminals
- ★ Do not swallow.
- ★ Do not discard.
- ★ Stop immediately use it when serious heating or leakage.
- ★ Before using our products, please read the manual Carefully or contact us.

## Discharge Characteristics at 23°C



## Capacity VS. Current



## Voltage VS. Temperature

