

## LITHIUM BATTERY TYPE: ER34615

### Key Characteristics

High and stable operating voltage

Low self-discharge rate (less than 1% after 1 year storage at 25°C)

Operating temperature (-55°C~+85°C)

Hermetic glass-to-metal sealing

Stainless steel container

Non-flammable electrolyte

Bobbin type

UL (MH48131), CE

[http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BBCV2.MH48131&ccnshorttitle=Lithium+Batteries+-+Component&objid=1081630466&cfgid=1073741824&version=versionless&parent\\_id=1073747351&sequence=1](http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BBCV2.MH48131&ccnshorttitle=Lithium+Batteries+-+Component&objid=1081630466&cfgid=1073741824&version=versionless&parent_id=1073747351&sequence=1)

ISO9001:2008 approved

### Warning

Fire, explosion and severe burn hazard.

Do not recharge, crush, disassemble, heat, above 212 F (100°C), 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/>

### Characteristics

Chemistry: Lithium Thionyl Chloride Batteries

Nominal capacity (1mA-2.0v) 19000mAh

Nominal voltage 3.6v

Max. constant current 230mA

Max. pulse current 400mA

Weight 107g

Volume 34.2X 61.5mm

Workable temperature -60 ~ +85°C



### Main Applications

Utility meters (electricity meters, water meters, gas meters.

Security systems (door lockers, smoke alarm sensors, detectors)

CMOS memory and RTC backup

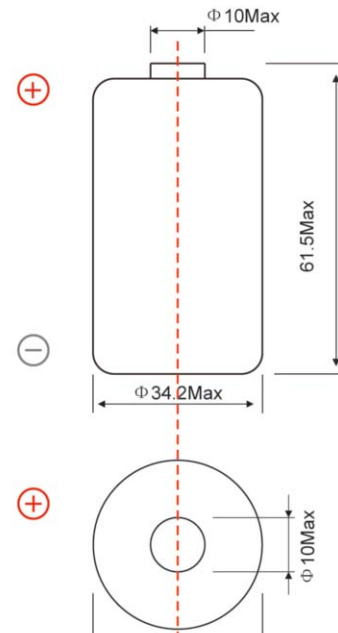
Vehicle tracking

Industrial clocks

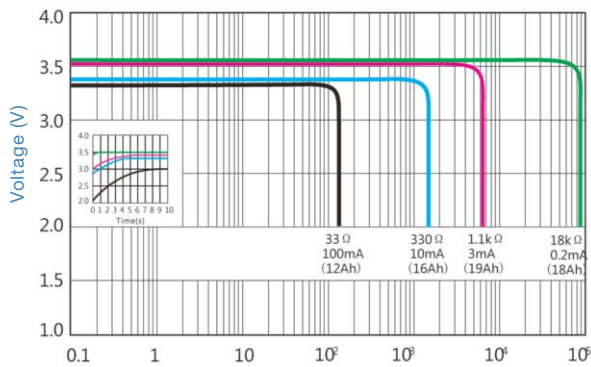
Sea buoys, remote monitoring systems, industrial clocks

Military electronics

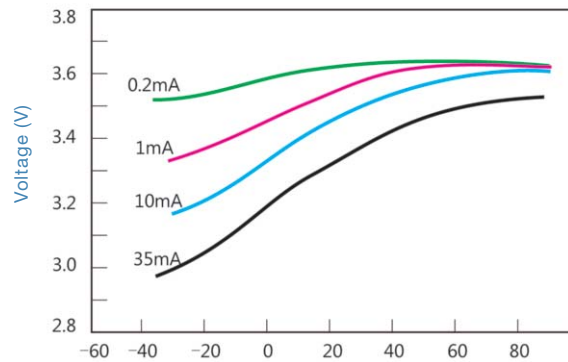
Note: Any information here is for reference only. Information is also dependent on actual conditions of use does not guarantee future performance. And subject to change.



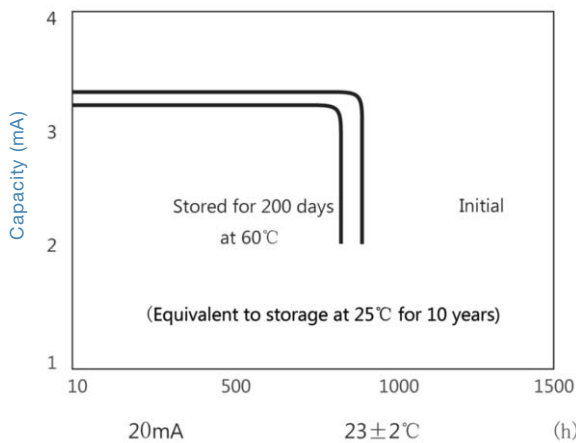
**Discharge Characteristics**



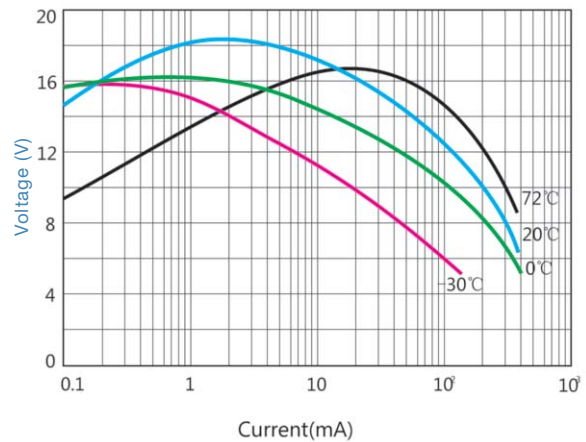
**Voltage vs Temperature**



**Storage Characteristics**



**Capacity vs Current**



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.