

## Primary Lithium Battery

ER34615M 3.6V 14.5Ah

3.6V Primary lithium-thionyl chloride  
(Li-SOCl<sub>2</sub>) Power Type

For higher drain/pulse operating applications requesting superior voltage response in -55°C ~+ 85°C environments

### Cell size references

UM1-R20-D

Alternative models

LST33600

### Electrical characteristics

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

Nominal capacity 14.5Ah

(At 5mA +20°C,2.0V cut off.The capacity restored varies according to current,temperature,cut off)

Open circuit voltage(At 20°C) 3.66V

Nominal voltage (At 5mA +20°C) 3.6 V

Max. continuous current (at +20°C) 2000mA

Typical Max. continuous current (at +20°C) 3000mA

Pulse capability:Typically up to 3000mA (3000mA/0.1second pulses drained every 2min at 20°C from cells with 100µA base current,yield voltage readings above 3.0V.The readings may vary according to pulse characteristics,temperature and cell's previous history.Fitting the cell with a capacitor may be recommended in severe conditions.Consult ACT if necessary)

Storage (recommended) +30°C(+86°F)Max

Operating temperature range -55°C~+85°C  
(High and low temperatur will lower the capacity and load voltage.) -76°F~+185°F

### Physical characteristics

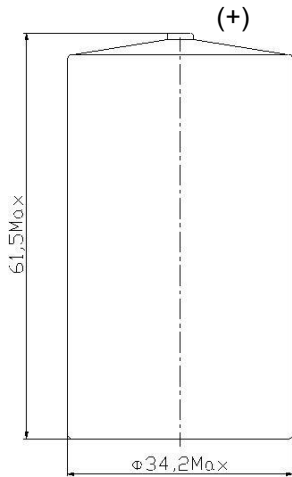
Diameter(Max) 34mm(1.34in)

Height(Max) 61.5mm(2.42in)

Typical weight 105g(3.4oz)

Available terminal suffix radial tabs,radial pins,axial leads,flying leads

## ER34615M



### Key features

- >High and stable load voltage
- >Superior drain capacity
- >Low self-discharge rate  
(less than 1% after 1 year of storage at 20°C)
- >Stainless steel container
- >Hermetic glass-to-metal sealing
- >Notch technology for safety vent is recommended
- >Non-flammable electrolyte

### Main applications

- >Radiocommunication and other military applications
- >Alarms and security systems
- >Beacons and emergency location transmitters
- >GPS equipment
- >Metering systems
- >Sonobouys
- >Led lighting applications
- >Others

### Storage

- >Cells should be stored in a clean & dry (less than 30% RH) area
- >Temp. should not exceed +30°C

### Warning

- >Do not use if cell casing is mangled
- >Do not use different model of cell in series
- >Soldering the tag should be finished in few seconds
- >Do not try to recharge

