

Part number: ELE-ER34615-BAK

**Bobbin Cell**

Primary Lithium Battery

ER34615 3.6V



3.6V Primary lithium-thionyl chloride  
(Li-SOCl<sub>2</sub>) Energy Typ^

For low drain/long term operating applications requesting superior voltage response in -55°C ~+85°C environments

### Cell size references

UM1-R20-D

Alternative models	LS33600/LST33600/LS33600C/TL4930/TL5930
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### Electrical characteristics

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

Nominal capacity	19Ah
(At 3mA +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 3mA +20°C)	3.6 V
Max. continuous current (at +20°C)	200mA
Typical Max. Pulse current (at +20°C)	400mA

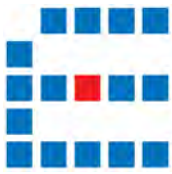
Pulse capability: Typically up to 400mA (400mA/0.1second pulses drained every 2min at 20°C from cells with 50µA base current, yield voltage readings above 3.0V. The readings may vary according to pulse characteristics, temperature and cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult ACT if necessary)

Storage (recommended)	+30°C Max
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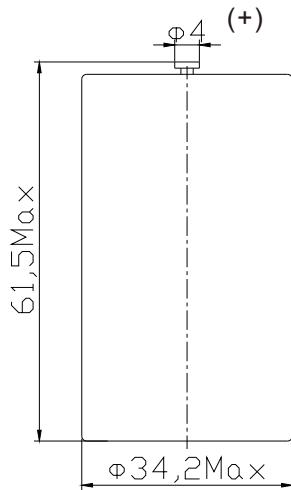
Operating temperature range (High and low temperature will lower the capacity and load voltage.)	-55°C ~+85°C
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### Physical characteristics

Diameter(Max)	34mm
Height(Max)	61.5mm
Typical weight	99g
Available terminal suffix	radial tabs, radial pins, axial leads, flying leads



## ER34615



### 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
- >Laser welding
- >Non-flammable electrolyte

### Main applications

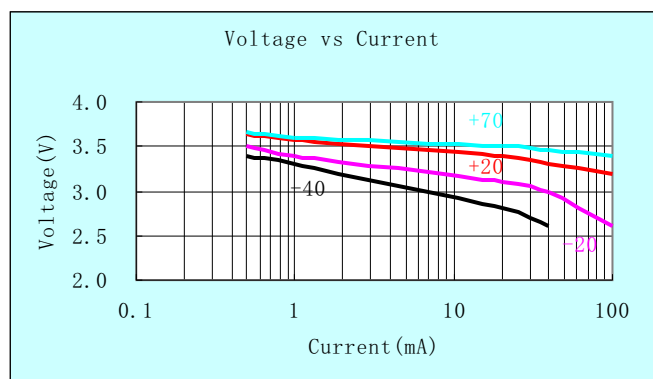
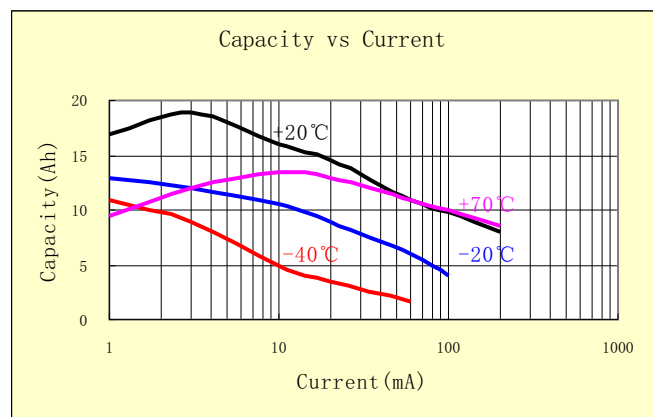
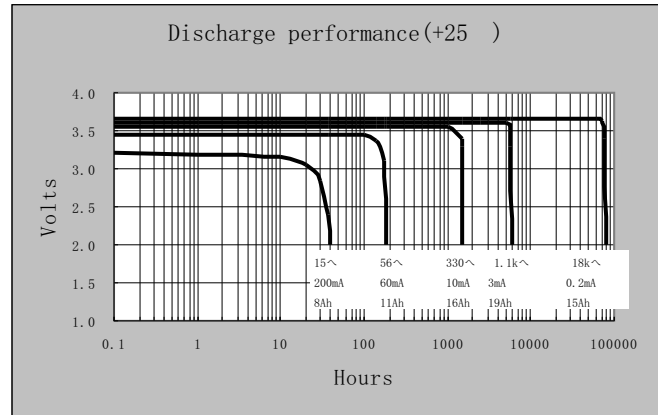
- >Radiocommunication and other military applications
- >Alarms and security systems
- >Beacons and emergency location transmitters
- >GPS equipment
- >Metering systems
- >Led lighting applications
- >Others

### 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



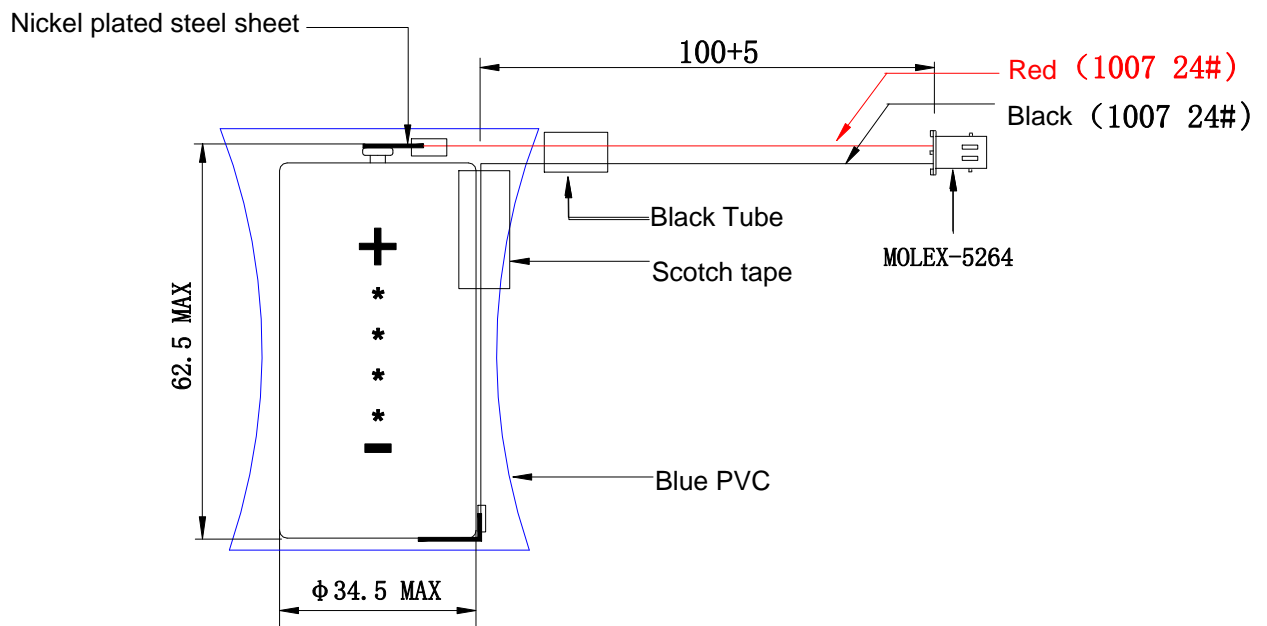
No.	Item	Spec	QTY
01	Cell	ER34615	1
02	Nickel plated steel sheet	10*0.1*3mm	1
03	Nickel plated steel sheet	22*0.1*3mm	3
04	Black tube	Φ3*12mm	1
05	PVC	4#Blue 0.1*93*43mm	1
06	PVC	4#Blue 0.1*52.5*67.5mm	1
07	Insulation spacer		1
08	Scotch tape	10*20mm	1
09			

1. 喷码：

+ ELE-ER34615-BAK-CN 3.6V -  
19.0Ah YYYYMM

2. 25支/盘，4盘/箱，每4盘装

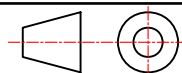
入50CM\*80CM的塑料袋中封装好。



Designer:	
Approval:	
Version: A1	
Date: 2018/08/23	

Drawing for Battery  
ELE-ER34615-BAK-CN

**BAKTH**  
Shenzhen BAK Technology Co.,LTD



Unit:mm