pbq。

## LITHIUM BATTERY

# Primary lithium batteries ER34615

3.6V Primary lithium-thionyl chloride (Li-SOCI2) Energy type D-size bobbin cell For low drain / long time applications requesting superior voltage response in  $-55^{\circ}C \sim +85^{\circ}C$  environments.

Cell size references	(D)
Electrical characteristics (typical values relative to cells stored for one year or less at +30°C max. Nominal capacity (at 3 mA +20°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).	) 19Ah
Open circuit voltage (at +20℃)	3.66V
Nominal voltage (at 3mA +20°C)	3.6V
Pulse capability: Typically up to 400 mA (400 mA/0.1 second pulse, drained every 2 mn at +20°C from undischarged cells with 10 $\mu$ A base current, yield voltage readings above 3.0V. The readings may vary acc to the pulse characteristics, the temperature, and the cell' s previous h Fitting the cell with a capactor may be recommended in severe condition Consult pbq	nistory.
Max. Continuous current Max. Pulse current	200mA 400mA
Storage (recommended) (for more severe conditions, consult pbq)	+30°C max
Operating temperature range (Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses. Consult pbq)	-55℃ / +85℃
Physical characteristics	
Diameter (max)	34mm(1.41 in)
Height (max)	61.5mm(2.44 in)
Typical weight	106g(3.47 oz)
Available termination suffix radial tabs, radial	pins, axial leads flying leads

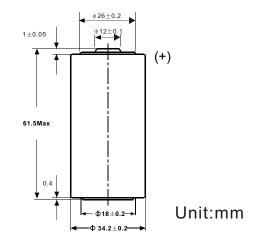
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#### **Key features**

- High and stable operating voltage
- Superior drain capability
- Low self-discharge rate (less than 1% after 1year of storage at +20℃)
- Hermetic glass-to-metal sealing ►
- Þ 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
- Metering systems
- Sonobuoys •
- LED lighting applications
- ► Others

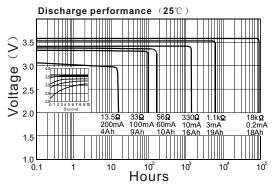
#### Storage

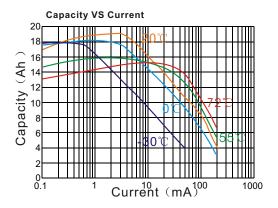
 The storage area should be clean, cool (not exceeding+30°C), dry and ventilated.

#### Warning

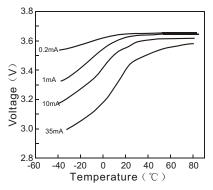
- Do not use if the battery casing was mangled.
- Don' t use different models of battery in series.
- Do not try to recharge.

### Characteristic curves









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