Vmcell
Technology Co.,Ltd

Primary lithium batteries
(Li-SOCl2)

Bobbin cell

ER34615

Cell size references	D size
Alternative models	LS33600/LS33600C/LS33600LM/TL4930/SB-D01/SB-D02
Electrical characteristics (typical values relative to cells stored for one year or less at +30℃ max.)	
Nominal capacity	19Ah
(at 3 mA +20℃ 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).	
Open circuit voltage (at +20℃)	3.66V
Nominal voltage (at 3mA +20℃)	3.6V
Pulse capability: Typically up to 400 mA (400 mA/0.1 second pulses, drained every 2 mn at +20℃ from undischarged cells with 10 μA base current, yield voltage readings above 3.0V.The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history.	
Max. Continuous current	200mA
Max. Pulse current	400mA
Storage (recommended)	+30℃ max
Operating temperature range	-55℃ / +85℃

Physical characteristics	
Diameter (max)	34.2mm(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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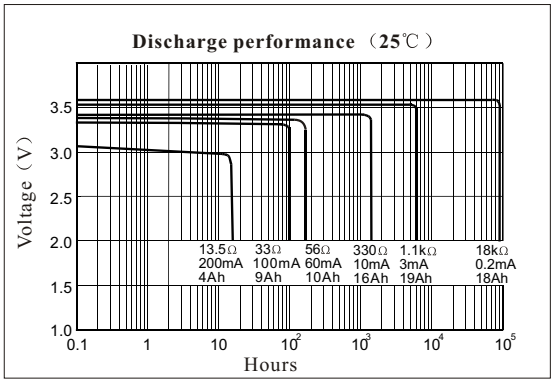
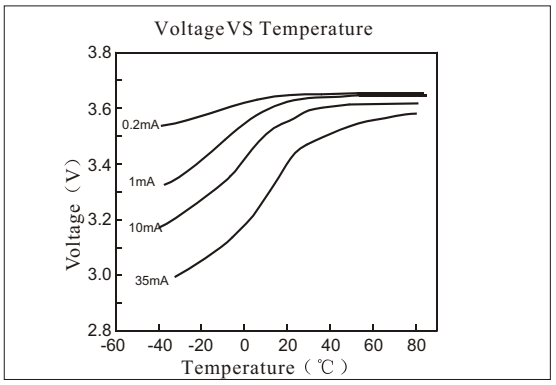
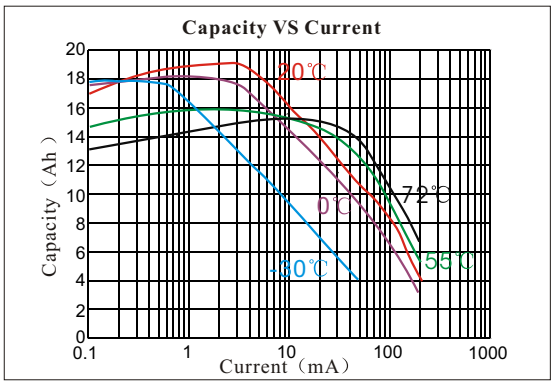
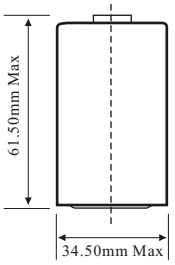
Characteristic curves







Max dimensions



Main applications

Radio communication 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℃), dry and ventilated.

Warning

Do not use if the battery casing was mangled.

Please discharge the battery few minutes with 100mA, if the battery voltage is lower than your need or consult.

Don′ t use different models of battery in series.

Soldering the tag should be finished in few seconds.

Do not try to recharge.

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