



Bobbin Cell

Primary Lithium Battery

ER34615 3.6V 19Ah

3.6V Primary lithium-thionyl chloride
(Li-SOCl₂) Energy Type



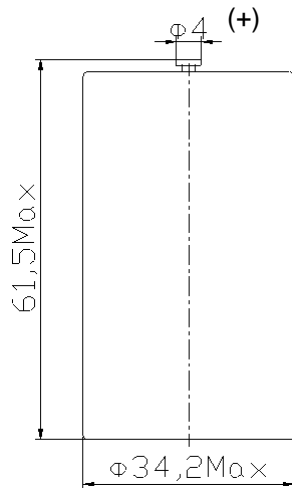
For low drain/long term operating applications requesting superior voltage response in -55°C ~+ 85°C environments

Cell size references

UM1-R20-D

Alternative models	LS33600/LST33600/LS33600C/TL4930/TL5930
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.)	
Storage (recommended)	+30°C Max
Operating temperature range (High and low temperature will lower the capacity and load voltage.)	
	-55°C ~+85°C
Physical characteristics	
Diameter(Max)	34mm
Height(Max)	61.5mm
Typical weight	99g
Available terminal suffix	radial tabs, radial pins, axial leads, flying leads

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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 similar 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

