



SHENZHEN M&LAK INDUSTRY CO.,LTD.

Primary Lithium Battery

ER34615 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

<u>Cell size references</u>	<u>UM1-R20-D</u>
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Electrocal characteristics

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

<u>Nominal capacity</u>	<u>19Ah</u>
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(At 2mA +20°C, 2.0V cut off. The capacity restored varies according to current, temperature, cut-off-voltage)

<u>Nominal voltage (20°C)</u>	<u>3.6V</u>
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<u>Max. continuous current (20°C)</u>	<u>200mA</u>
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<u>Typical Max. pulse current (20°C)</u>	<u>400mA</u>
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Pulse capability: Typically up to 400mA(400mA/0.1 second pulses drained every 2min at 20°C from cells with 10µA base current, yielding voltage readings above 2.0V. The readings may vary according to pulse characteristics, temperature and cell's previous history. Consult malak if necessary)

<u>Storage(recommended)</u>	<u>+30°C Max</u>
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<u>Operating temperature range</u>	<u>-55~+85°C</u>
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(High and low temperature will lower the capacity and load voltage)

Physical characteristics

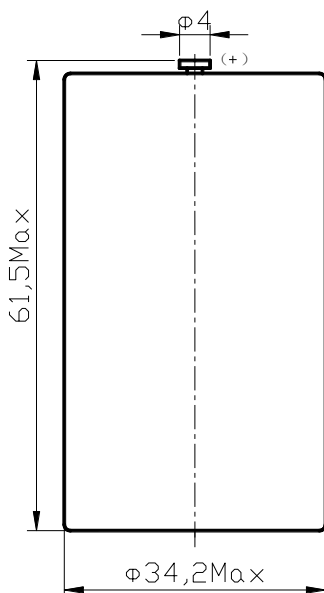
<u>Dimension(Max)</u>	<u>φ 34.2*61.5mm</u>
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<u>Typical weight</u>	<u>100g</u>
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RoHS

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

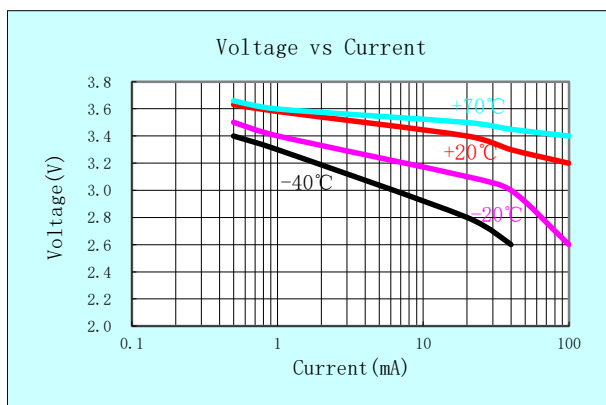
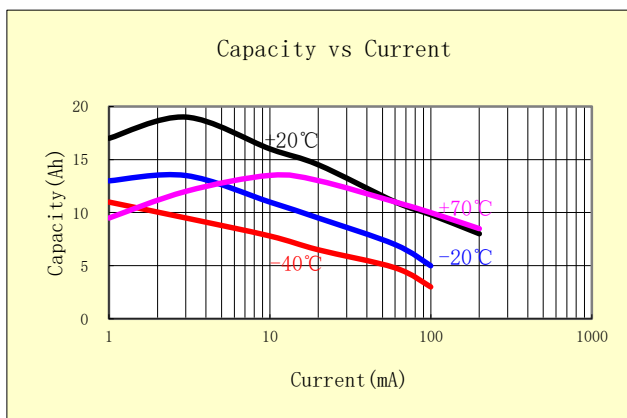
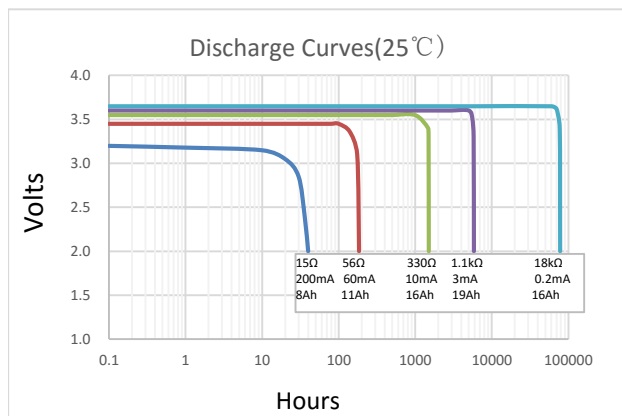
- >Radio communication and other Military applications
- >Alarms and security systems
- >RFID
- >Beacons and emergency location transmitters
- >GPS equipments
- >Metering systems
- >Led lighting applications
- >Others

Storage

- >Cells should be stored in a clean & dry (less than 70%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
- >Do not try to recharge
- >Do not throw into fire



UL No.MH49354