GMB®

GMB PRIMARY LITHIUM

ER34615S-150

3.6V Li/$SOCl_2$ Battery

Size D. Middle C-Rate Type hi-temperature ER battery

ADVATAGES:

- stable high operating voltage and high capacitance
- high energy density, high stable current
- wide operating temperature rages (-30℃~+150℃)
- low self-discharge rate (annual self-discharge rate is less than 3% at +25℃)
- excellent environmental application characteristics
- stainless steel case (low magnetic resistance to environmental erosion)

FEATURES:

- a positive structure with proprietary technology
- stainless steel - glass airtight package
- non-combustible electrolyte
- high short circuit safety
- comply with GB 8897.4-2008 technical requirements
- meet technical requirements of IEC60086.4:2014

SPECIFICATIONS

(Typical data from the batteries stored at 25±5℃ for 12 months)

Nominal Capacity: 13.0Ah

(At 50mA, +25℃ cut-off voltage 2.0V.)

Open Voltage (at +25℃) :	3.67V
Nominal Voltage (at +25℃, 0.3mA) :	3.60V
Max. Continuous Discharge Current	800mA

(Obtained at +25℃~150℃, 50% nominal capacity, 2.0V cut-off voltage; For higher current, please consult GMB)

Pulse Current: 1200 mA

(at +25 ° c, the un-discharged battery starts to discharge with a base current of 1mA, the reading is still above 3.0V.)

Storage (max.)	+30℃

(please consult GMB for higher storage temperature requirements or stringent conditions)

Working Temperate Range	-30℃-+150℃

(exceeding the operating temperature range can result in reduced capacity, low voltage reading and low initial pulse voltage reading.)

PHYCIAL PROPERTIES

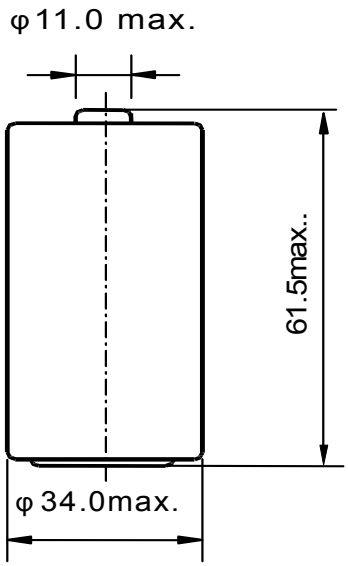
Diameter（max.）	34.5mm
Height（Max.）	61.5mm
Typical Weight	100 g
Lithium Metal Content	(About)3.5g

Warning: Do not charge, short circuit, heat more than 150℃, decompose, put into water, directly in the battery shell surface welding, otherwise may cause explosion, combustion and internal acid leakage of the battery.

ER34615S-150

3.6V Li/$SOCl_2$ Battery

Size D Middle C-Rate Type hi-temperature ER Battery



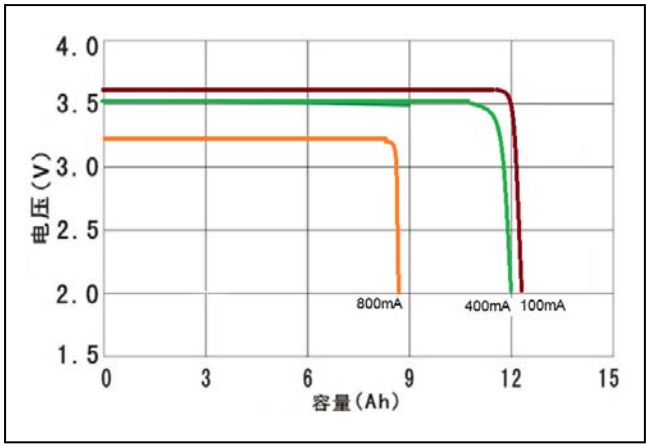
Size unit :mm (GB1804-m if tolerance is not specified)

For special connection requests, please consult GMB

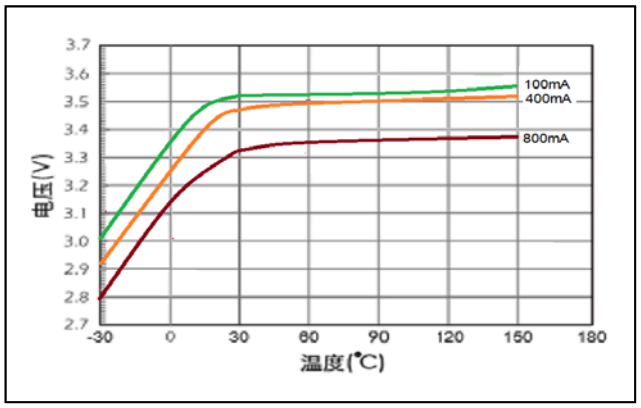
WARNING

- do not short out the battery
- do not charge the battery
- don't pin the batter
- do not squeeze the battery
- pay attention to the battery anode and cathode
- electrical equipment connection is correct
- do not disassemble the battery
- do not burn batteries
- do not mix old and new batteries
- do not heat the battery to more than 150℃
- do not directly weld the battery
- please use a battery with pre-welded pins or wires.

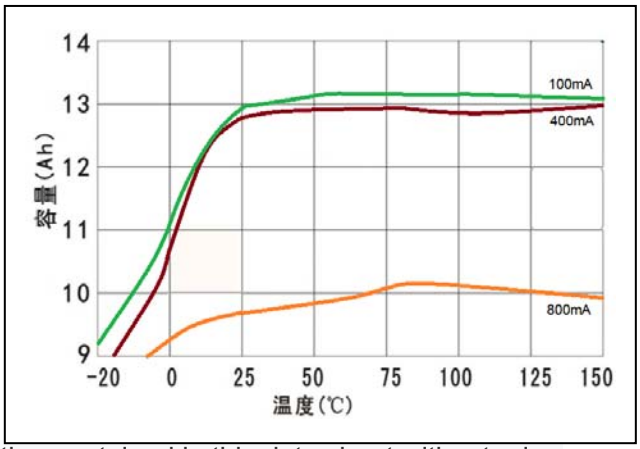
1. Voltage VS Capacity at +135℃ (intermediate value)



2. Current VS Temperature



3. Capacity VS Temperature(cut off at 2.0V)



Notice: GMB reserves the right to change the information contained in this data sheet without prior notice. Any performance parameters mentioned in this file are for reference only, and the contents of this document can be used as valid contract data only after written confirmation by both parties.