3.6V
Size:C

Lithium Thionyl Chloride Battery

ER26500M

SPECIFICATIONS

(Typical data from the batteries stored at 25+5°C for 12 months)

Nominal Capacity (1.0mA ~ 2V) **:**	**6.5Ah**

(At 1.0mA, +25°C cut-off voltage 2.0V.)

Rated Voltage:	**3.6V**
Max Constant Current of Discharge:	**1000mA**
Max Discharge Current (Pulse) **:**	**1500mA**
Operating Temperature Range:	**-60°C ~ +85°C**

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

PHYCIAL PROPERTIES

Diameter (max.):	**26.2mm**
Height (Max.):	**50.5mm**
Typical Weight:	**55g**

S: STANDARD TERMINATION

Notes:

Dimension:mm

Special terminations can be made as requested.

T: Solder tabs

P: Axial pins

Important Notes:

Do not short or charge the battery.

Over-discharging, crushing, incinerating,and disassembling the battery are prohibited.

Do not heat/use the battery beyond the permitted temperaturerange.

ADVANTAGES

- Stable high operating voltage and high capacitance
- High energy density, high stable current
- Wide operating temperature rages (-60°C ~ +85°C)
- Low self-discharge rate (annual self-discharge rate is less than 1% at +25°C)
- 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

Warning: Do not charge, short circuit, heat more than 85°C, decomppose, put into water, directly in the battery shell surface welding, otherwise may cause explosion, combustion arnd internal acid leakage of the battery.

POWERSTABILITY SOLUTIONS **www.powerstability.com** **Email: info@powerstability.com**

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Size:C 3.6V
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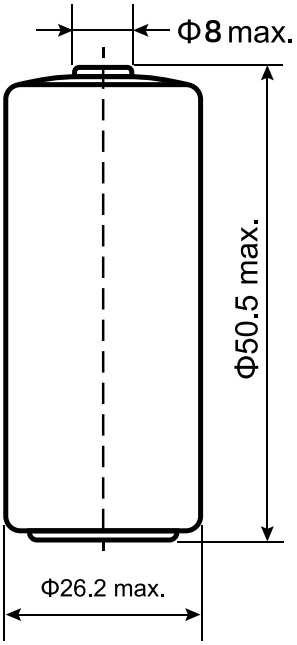
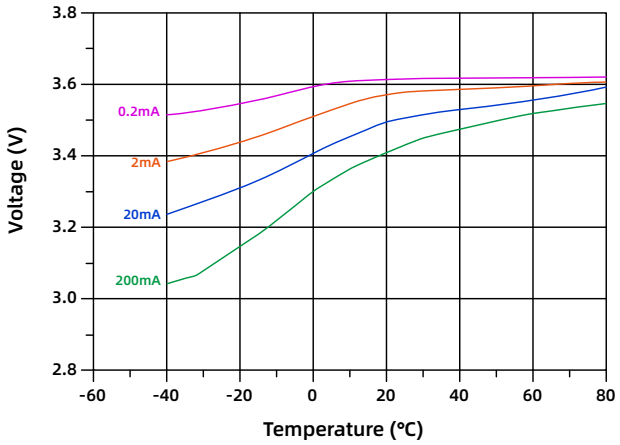


Size unit :mm
(GB1804-m if tolerance is not specified)
For special connection requests, please consult POWERSTABILITY

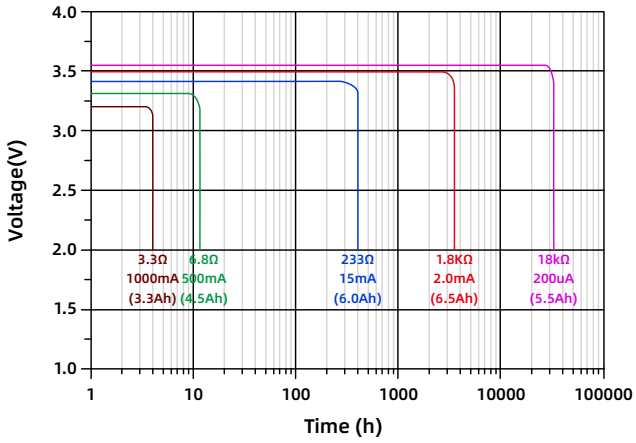
WARNING

- 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 battéries
- Do not mix old and new batteries
- Do not heat the battery to more than 85°C
- Do not directly weld the battery
- Please use a battery with pre-welded pins or wires.

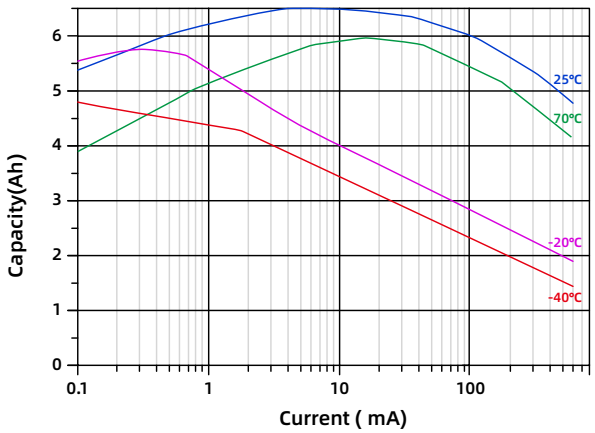
1. Room temperature load characteristics



2. Characteristics of Capacity/Current/ Temperature Relationship



3. Capacity vs Current



Notice:
POWER STABILITY reserves the right to change the information coontained 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.

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