

Li/SOCl₂ Battery: ER14505M

Technical data

- Nominal capacity : 2.1Ah
- Nominal voltage : 3.6V
- Max. continuous current : 400mA
- Max. pulse current : 800mA

800mA/0.1s pulses, drained every 2 minutes at 23°C from 3mA mid-discharged cells with 20μA base current, yield voltage readings above 2.7V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history.

- Standard discharge current : 3mA
- Working temperature range : -55°C ~ +80°C
- Weight : 19g

 UL. Component Recognition(MH46165)

Applications

- Smart meter
- Security devices
- IoT devices

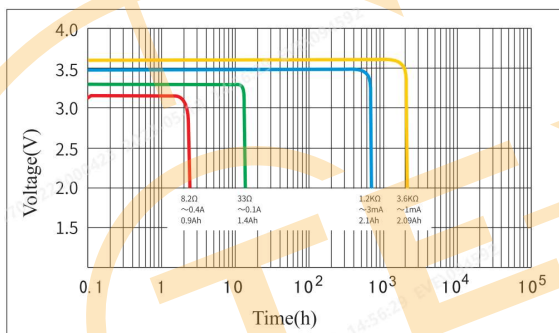


International size reference : AA

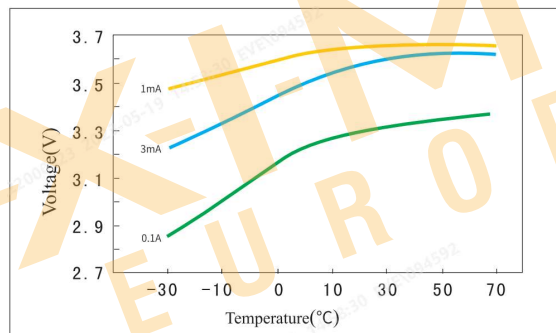
Features & Benefits

- Superior long-term reliability
- Low self-discharge rate
- High safety and energy density

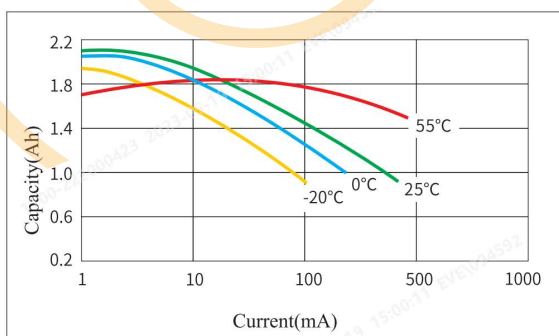
Typical discharge curves at 23°C



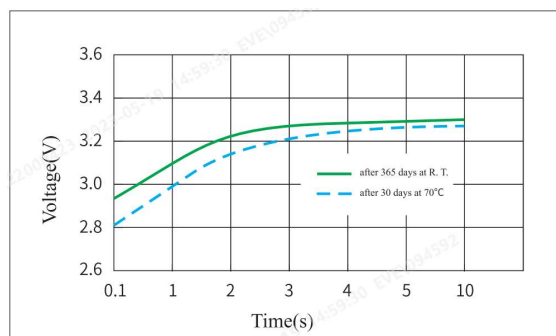
Voltage vs. Temperature



Capacity vs. Current (2V cut-off)



Voltage response @200mA or 16ohms 23±2 °C



WARNING:

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 85°C (185°F), incinerate or expose contents to water.
Do not solder directly to the cell, use tabbed cell instead.

ATTENTION:

Consult FANSO when using batteries at temperature exceeding the -10 °C ~ +40 °C range. "The above data comes from FANSO's laboratory, any representations in this document concerning performance are for informational purpose only. FANSO Technology Co., Ltd reserves the right to interpret this data."



Official website
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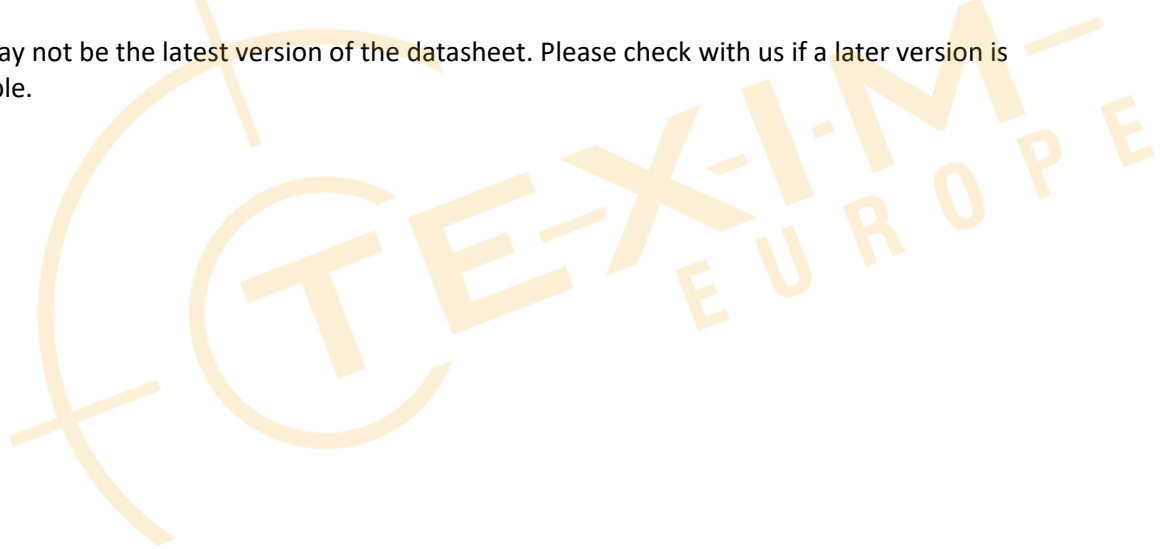
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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