

Li/SOCl₂ Battery: ER18505H

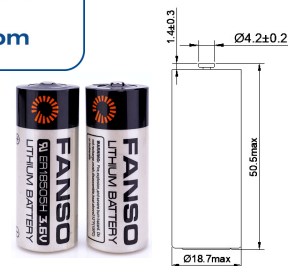
Technical data

- Nominal capacity : 4Ah
- Nominal voltage : 3.6V
- Max. continuous current : 70mA
- Max. pulse current : 180mA
- Standard discharge current : 3mA
- Working temperature range : -55°C ~ +85°C
- Weight : 28g

 UL. Component Recognition(MH46165)

Applications

- Smart meter
- Security devices
- IoT devices

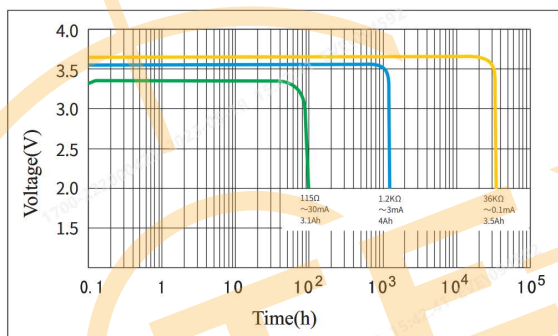


International size reference : /

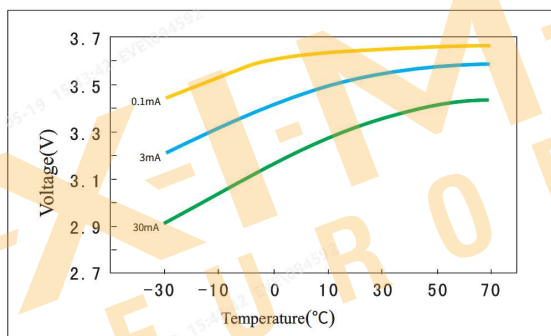
Features & Benefits

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

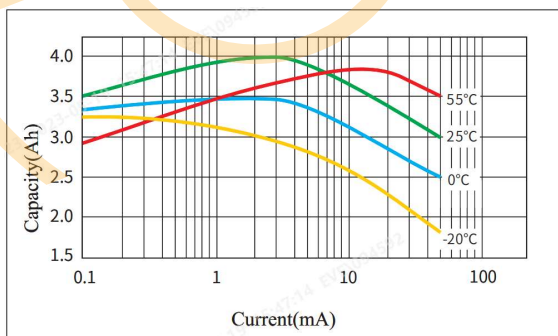
Typical discharge curves at 23°C



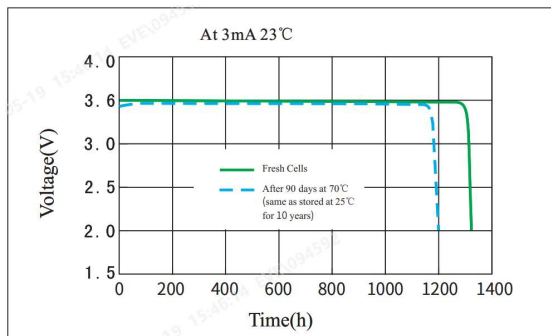
Voltage vs. Temperature



Capacity vs. Current (2V cut-off)



Storage characteristics



WARNING:

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C (212°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
Issued in Feb. 2023

Disclaimer

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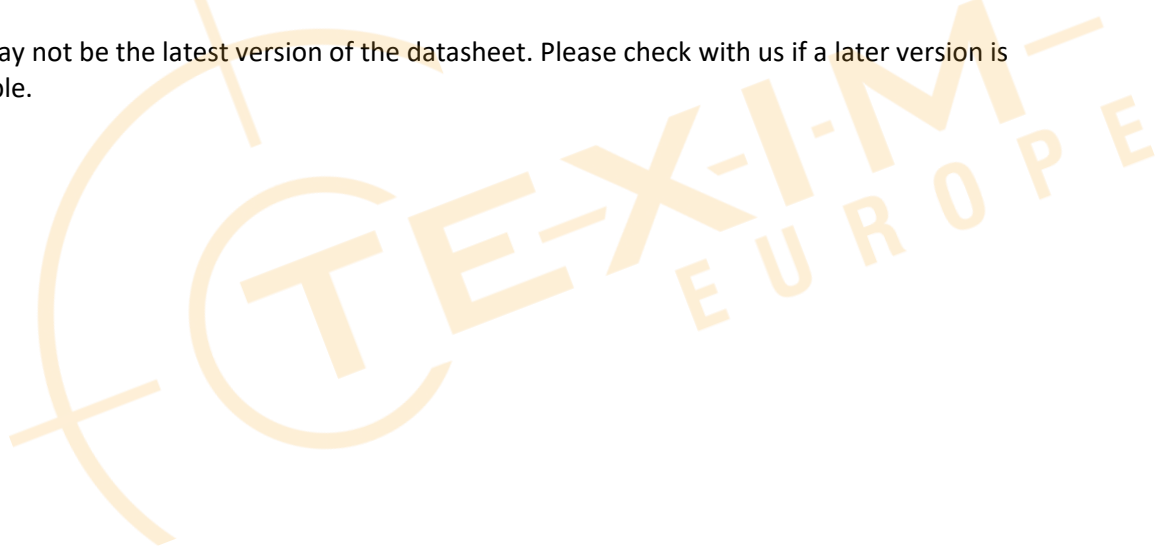
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

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.





Headquarters & Warehouse

Elektrostraat 17
NL-7483 PG Haaksbergen
The Netherlands

T: +31 (0)53 573 33 33
E: info@texim-europe.com
Homepage: www.texim-europe.com



The Netherlands

Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
E: nl@texim-europe.com



Belgium

Zuiderlaan 14, box 10
B-1731 Zellik

T: +32 (0)2 462 01 00
E: belgium@texim-europe.com



UK & Ireland

St Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
E: uk@texim-europe.com



Germany - North

Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
E: germany@texim-europe.com



Germany - South

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: muenchen@texim-europe.com



Austria

Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
E: austria@texim-europe.com



Nordic

Søndre Jagtvej 12
DK-2970 Hørsholm

T: +45 88 20 26 30
E: nordic@texim-europe.com



Italy

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: italy@texim-europe.com