



Product Service

CERTIFICATE

No. B 121437 0012 Rev. 00

Holder of Certificate: **Jiangsu SolarEast Energy Storage Technology Co., Ltd**
No. 199, Yingzhou South Road
Haizhou District
222243 Lianyungang City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Batteries**
Rechargeable Li-ion Battery System

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040824021306-00

Valid until: 2029-06-26

Date, 2024-08-02


(Kai Zhao)

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Model(s):

PowerCool-LFP-LV-5
 PowerCool-LFP-LV-10
 PowerCool-LFP-LV-15
 PowerCool-LFP-LV-20
 PowerCool-LFP-LV-25
 PowerCool-LFP-LV-30
 PowerCool-LFP-LV-35

Parameters:

Rated Energy	5.22 kWh (PowerCool-LFP-LV-5) 10.44 kWh (PowerCool-LFP-LV-10) 15.66 kWh (PowerCool-LFP-LV-15) 20.88 kWh (PowerCool-LFP-LV-20) 26.11 kWh (PowerCool-LFP-LV-25) 31.33 kWh (PowerCool-LFP-LV-30) 36.55 kWh (PowerCool-LFP-LV-35)
Nominal Voltage	DC 51.2 V
Rated Capacity	DC 102 Ah (PowerCool-LFP-LV-5) DC 204 Ah (PowerCool-LFP-LV-10) DC 306 Ah (PowerCool-LFP-LV-15) DC 408 Ah (PowerCool-LFP-LV-20) DC 510 Ah (PowerCool-LFP-LV-25) DC 612 Ah (PowerCool-LFP-LV-30) DC 714 Ah (PowerCool-LFP-LV-35)
Max. Continuous Charge/Discharge Current	DC 50 A/ 50 A (PowerCool-LFP-LV-5) DC 100 A/ 100 A (PowerCool-LFP-LV-10) DC 150 A/ 150 A (PowerCool-LFP-LV-15) DC 160 A/ 160 A (PowerCool-LFP-LV-20) DC 160 A/ 160 A (PowerCool-LFP-LV-25) DC 160 A/ 160 A (PowerCool-LFP-LV-30) DC 160 A/ 160 A (PowerCool-LFP-LV-35)
Degree of Protection	IP 65
Protective Class	I
Operating ambient temperature	0, ..., 40°C

Tested according to:

IEC 62040-1:2017
 IEC 62040-1:2017/AMD1:2021
 IEC 62040-1:2017/AMD2:2022
 EN IEC 62040-1:2019/A1:2023