

Certificate of Conformity

Registered No.:
COCPPV03082/24E-02

File reference
PVP03082/24E-02

Test report No.
TRPVP03082/24E/02

Date of issue
2024-08-30

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Applicant: **FOXESS CO., LTD.**
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District,
Wenzhou, Zhejiang, China

Manufacturer: **FOXESS CO., LTD.**
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District,
Wenzhou, Zhejiang, China

Factory 1: **FOXESS CO., LTD.**
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District,
Wenzhou, Zhejiang, China

Product: Energy storage system

Type designation: GM215kWh-100kW-2h

Type of equipment: Interface device
 Interface protection
 Static conversion device
 Rotary generation device
Remark: The device is for plants of each power.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05, CEI 0-16;V3:2024-01, CEI 0-16;V3/EC:2024-02 "Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company"
See test report for detailed information.



Renewable Energy

GRID-T-004 COC



中国认可
产品
PRODUCT
CNAS C183-P

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TÜV NORD (HANGZHOU) CO., LTD.
Member of TÜV NORD Group
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Fax: +86-571-85386986
www.tuv-nord.com/cn
P.R. China

Version 1.1

Certification body:

TÜV NORD (HANGZHOU) CO., LTD.

Room B409, Building 1, No. 9, Jiuhan Road, Shangcheng District,
Hangzhou City, Zhejiang Province, 310019, P.R. China

Accredited by CNAS according to ISO/IEC 17065:2012, certificate no.
CNAS C183-P.

Testing laboratory:

Dongguan BALUN Testing Technology Co., Ltd.

Room 104,204,205, Building 1, No. 6, Industrial South Road, Songshan
Lake District, Dongguan, Guangdong, China

Accredited by CNAS according to ISO/IEC 17025:2017, certificate no.
CNAS L14701

Conclusion:

After verifying following documents, it is concluded that the product is in
compliance with the requirements of CEI 0-16:2022-03, CEI 0-
16;V1:2022-11, CEI 0-16;V2:2023-05, CEI 0-16;V3:2024-01, CEI 0-
16;V3/EC:2024-02.

ISO 9001 certificate:

Certificate no. 201838, issued by DCI Certification Ltd.

Test report of CEI 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-
16;V2:2023-05, CEI 0-16;V3:2024-01, CEI 0-16;V3/EC:2024-02.:

Report no. BL-DG2480086-202, issued by Dongguan BALUN Testing
Technology Co., Ltd., accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L14701

This document is based on the evaluation of the samples of the above mentioned product(s). It does not
imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV
NORD mark. The holder of this document may use it in connection with the related test report(s).



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Description of product(s):

Model types:	GM215kWh-100kW-2h
General information	
Software version	1.9.1
AC output (Grid Side) parameters	
Rated output voltage [V a.c.]	3W/N/PE, 230/400
Rated output frequency [Hz]	50/60
Rated output power [kW]	100
Max. Apparent Power [kVA].....	110
Max. output current [A a.c.]	145
Power factor cosφ [λ]	-1.0 lagging~+1.0 leading
Battery parameters	
Battery type	LFP
Voltage range [Vd.c.]	672~876
Normal voltage [V d.c.]	768
Rated charge/discharge current [A d.c.]	140
Nominal energy [kWh]	215
Rated capacity[Ah]	280
Others:	
Protective class	Class I
Inverter topology	Non-isolated
Operation temperature range	-25~55°C
Overvoltage-category	BAT II, AC III(Grid)



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Annex to Certificate No.: COCPVP02045/24E-02

File no.: PVP02045/24E-02

2024-08-30

Remark: The energy storage system listed above may be installed with the following batteries:

Manufacturer	FOXESS CO., LTD.
BMS Version	Software Version: R1.002_V1.2.13 Hardware Version: V1.1
Accumulator Model / Battery Model	GM-PACK-54
Capacity of each battery module (kWh)	53.76
Number(s) of battery modules recommended by the manufacturer	4
Note:	



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