

# Certificate of Conformity

Registered No.:  
**COC PVP03082/24E-02\_R1**

File reference  
PVP07001/24E-02

Test report No.  
TRPVP07001/24E/02

Date of issue  
2024-11-22

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, GM215kWh-100kW-2hE

**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**

TÜV NORD (HANGZHOU) CO., LTD.  
Member of TÜV NORD Group  
Tel: +86-571-85386989  
Fax: +86-571-85386986  
www.tuv-nord.com/cn  
P.R. China

**Certification body:**

**TÜV NORD (HANGZHOU) CO., LTD.**

Room B409, Building 1, No. 9, Jiuhuan 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(G1), 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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P.R. China

Version 1.1

Description of product(s):

Model types:	GM215kWh-100kW-2h, GM215kWh-100kW-2hE
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 $\cos\phi$ [ $\lambda$ ] .....	-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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**Remark: The energy storage system listed above may be installed with the following batteries:**

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



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