

Certificate of Conformity

Registrato n.:
Registered No.:
COCPVP03082/24E-01_R1

File di riferimento
File reference

PVP07001/24E-01

Rapporto di prova n.
Test report No.

TRPVP07001/24E/01

Data di rilascio
Date of issue

2024-11-22

Sulla base delle prove effettuate, i campioni del/i prodotto/i sotto riportato/i sono risultati conformi ai requisiti essenziali delle specifiche di riferimento al momento dell'effettuazione delle prove:
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:

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

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

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

Prodotto:
Product: Energy storage system

Designazione del tipo:
Type designation: GM215kWh-100kW-2h, GM215kWh-100kW-2hE

Tipologia di Apparato: Dispositivo di interfaccia / *Interface device*
Type of equipment: Protezione di interfaccia / *Interface protection*
 Dispositivo di conversione static / *Static conversion device*
 Dispositivo di generazione rotante / *Rotary generation device*
Remark: The device is for plants of greater than 11.08kVA.

Fondamenti di certificazione:
Certification fundamental(s): BOS-P-01 Rev. 00



Renewable Energy



中国认可
产品
PRODUCT
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.
Member of TÜV NORD Group
Tel: +86-571-85386989
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P.R. China

Standard: CEI 0-21: 2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01.
Standard(s): CEI 0-21; V2/EC:2024-03 “Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica”
CEI 0-21: 2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03 “Reference technical rules for the connection of active and passive users to the LV electrical Utilities”
Vedere il rapporto di prova per informazioni dettagliate.
See test report for detailed information.

Organismo di certificazione: TÜV NORD (HANGZHOU) CO., LTD.
Certification body: Room B409, Building 1, No 9 Jiuhan Road, Shangcheng District, Hangzhou, Zhejiang Province, 310019, China
Accredited by CNAS according to ISO/IEC 17065:2012, certificate no. CNAS C183-P.

Laboratorio di prova: Dongguan BALUN Testing Technology Co., Ltd.
Testing laboratory: 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

Conclusione: Dopo aver verificato i seguenti documenti, si conclude che il prodotto è conforme ai requisiti della CEI 0-21: 2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03.
Conclusion: *After verifying following documents, it is concluded that the product is in compliance with the requirements of CEI 0-21: 2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03.*

ISO 9001 certificate:
Certificate no. 201838, issued by DCI Certification Ltd.

Test report of CEI 0-21: 2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03
Report no. BL-DG2480086-201(G1), issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

Questo documento si basa sulla valutazione dei campioni dei prodotti sopra menzionati. Non implica una valutazione della produzione in serie del prodotto o dei prodotti e non consente l'uso di un marchio TÜV NORD. Il titolare di questo documento può utilizzarlo in relazione ai relativi rapporti di prova.



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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).

A handwritten signature in blue ink, appearing to read "Xianping".

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GRID-T-009 COC



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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 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)

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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