

Certificate of Conformity

Registered No.:

COCPPV08058/22E-01

File reference
PVP08058/22E-01

Test report No.
TRPVP08058/22E/01

Date of issue
2022-12-30

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

Product: Storage Inverter

Type designation: H3-5.0-E, H3-6.0-E, H3-8.0-E, H3-10.0-E, H3-12.0-E, AC3-5.0-E,
AC3-6.0-E, AC3-8.0-E, AC3-10.0-E, AC3-12.0-E

Type of equipment: Three-phase,
 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 0-21:2019-04 "Reference technical rules for the connection of active
and passive users to the LV electrical Utilities"
See test report for detailed information.

Certification body: **TÜV NORD (HANGZHOU) CO., LTD.**

Room B409, Building 1, No 9 Jiuhuan Road, Shangcheng District,
Hangzhou, Zhejiang Province, 310019, 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 0-21:2019-04.

ISO 9001 certificate:

Certificate no. 201838, issued by DCI Certification Ltd.

Test report of CEI 0-21:2019-04:

Report no. BL-DG22A0352-B01, issued by Dongguan BALUN Testing
Technology Co., Ltd., accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L14701

Test report of EMC:

Report no. 21B0806R-PV-CE-P01V01, issued by DEKRA Testing and
Certification(Suzhou) Co., Ltd, accredited by A2LA according to ISO/IEC
17025:2017, certificate no. #3235.01.

Report no. BL-DG2210523-401, issued by Dongguan BALUN Testing
Technology Co., Ltd., accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L14701.

Report no. J22-113-WT, issued by Shanghai Inspection and Testing
Institute of Instruments and Automation Systems Co., Ltd., accredited by
CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L0130.

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).

Description of product(s):

| Model types.....: | H3-5.0-E | H3-6.0-E | H3-8.0-E | H3-10.0-E | H3-12.0-E |
|---|---|----------|----------|-----------|-----------|
| General information | | | | | |
| Firmware.....: | Manager: V1.17 Master: V1.01 Slave: V1.18 | | | | |
| PV input | | | | | |
| Vmax PV [V d.c.].....: | 1000 | | | | |
| Mpp voltage range [V d.c.]..: | 160-950 | | | | |
| Isc PV [A d.c.].....: | 14/14 | | 26/14 | | |
| Max. input current [A d.c.]..: | 16/16 | | 32/16 | | |
| Overvoltage category (OVC).....: | II | | | | |
| AC output (Grid Side) parameters | | | | | |
| Rated output voltage [V a.c.].....: | 220/380, 230/400, 3L/N/PE | | | | |
| Rated output frequency [Hz].....: | 50/60 | | | | |
| Rated output power [W].....: | 5000 | 6000 | 8000 | 10000 | 12000 |
| Max. apparent power [W]...: | 5500 | 6600 | 8800 | 11000 | 13200 |
| Max. output current [A a.c.]: | 8.0 | 9.6 | 12.8 | 16.0 | 19.2 |
| Power factor cosφ [λ].....: | 1 default (adjustable +/-0.8) | | | | |
| Overvoltage category (OVC).....: | III | | | | |
| Battery parameters | | | | | |
| Battery Type.....: | Lithium-ion | | | | |
| Voltage range[V d.c.].....: | 180-600 | | | | |
| Max. Charge Current [Ad.c.].....: | 26 | | | | |
| Max. Discharge Current [Ad.c.].....: | 26 | | | | |

| | | | | | |
|---|-------------------------------|-------|-------|-------|-------|
| AC input parameters: | | | | | |
| Rated output voltage [V a.c.].....: | 220/380, 230/400, 3L/N/PE | | | | |
| Rated output frequency [Hz].....: | 50/60 | | | | |
| Max. input power [W].....: | 10000 | 12000 | 16000 | | |
| Max. input current [A a.c.]..: | 15.2 | 18.2 | 24.2 | | |
| Power factor $\cos\phi$ [λ].....: | 1 default (adjustable +/-0.8) | | | | |
| EPS output parameters: | | | | | |
| Rated output voltage [V a.c.].....: | 220/380, 230/400, 3L/N/PE | | | | |
| Rated output frequency [Hz].....: | 50/60 | | | | |
| Max. Apparent power [VA]..: | 10000 | 12000 | 14000 | 15000 | 15000 |
| Max. output current [A a.c.]: | 15.2 | 18.2 | 21.2 | 22.7 | 22.7 |

| | | | | | |
|---|---|------------------|------------------|-------------------|-------------------|
| Model types.....: | AC3-5.0-E | AC3-6.0-E | AC3-8.0-E | AC3-10.0-E | AC3-12.0-E |
| General information | | | | | |
| Firmware.....: | Manager: V1.17 Master: V1.01 Slave: V1.18 | | | | |
| AC output (Grid Side) parameters | | | | | |
| Rated output voltage [V a.c.].....: | 220/380, 230/400, 3L/N/PE | | | | |
| Rated output frequency [Hz].....: | 50/60 | | | | |
| Rated output power [W].....: | 5000 | 6000 | 8000 | 10000 | 12000 |
| Max. apparent power [W]...: | 5500 | 6600 | 8800 | 11000 | 13200 |
| Max. output current [A a.c.]: | 8.0 | 9.6 | 12.8 | 16.0 | 19.2 |
| Power factor $\cos\phi$ [λ].....: | 1 default (adjustable +/-0.8) | | | | |

| | | | | | |
|--------------------------------------|-------------------------------|-------|-------|-------|-------|
| Overvoltage category (OVC).....: | III | | | | |
| Battery parameters | | | | | |
| Battery Type.....: | Lithium-Ion | | | | |
| Voltage range[V d.c.].....: | 180-600 | | | | |
| Max. Charge Current [Ad.c.].....: | 26 | | | | |
| Max. Discharge Current [Ad.c.].....: | 26 | | | | |
| AC input parameters: | | | | | |
| Rated output voltage [V a.c.].....: | 220/380, 230/400, 3L/N/PE | | | | |
| Raged output frequency [Hz].....: | 50/60 | | | | |
| Max. input power [W].....: | 10000 | 12000 | 16000 | | |
| Max. input current [A a.c.]..: | 15.2 | 18.2 | 24.2 | | |
| Power factor cosφ [λ].....: | 1 default (adjustable +/-0.8) | | | | |
| EPS output parameters: | | | | | |
| Rated output voltage [V a.c.].....: | 220/380, 230/400, 3L/N/PE | | | | |
| Raged output frequency [Hz].....: | 50/60 | | | | |
| Max. Apparent power [VA]..: | 10000 | 12000 | 14000 | 15000 | 15000 |
| Max. output current [A a.c.]: | 15.2 | 18.2 | 21.2 | 22.7 | 22.7 |

Remark: The inverters listed above may be installed with the following batteries:

| | | | | |
|---|--|-------|---------|---------|
| The inverters listed above may be installed with the following batteries: | | | | |
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | | | |
| Accumulator Model / Battery Model | HS 10.4 | HS 13 | HS 15.6 | HS 18.2 |
| Capacity of each battery module (kWh) | 2.6 | | | |
| Number(s) of battery modules (HV2600) recommended by the manufacturer | 4 | 5 | 6 | 7 |

| | | |
|---|--|------------|
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | |
| Accumulator Model / Battery Model | HS 20.8 | |
| Capacity of each battery module (kWh) | 2.6 | |
| Number(s) of battery modules (HV2600) recommended by the manufacturer | 8 | |
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | |
| Accumulator Model / Battery Model | ECS2900-H4 | ECS2900-H5 |
| Capacity of each battery module (kWh) | 2.88 | |
| Number(s) of battery modules (CM2900& CS2900) recommended by the manufacturer | 1+3 | 1+4 |
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | |
| Accumulator Model / Battery Model | ECS2900-H6 | ECS2900-H7 |
| Capacity of each battery module (kWh) | 2.88 | |
| Number(s) of battery modules (CM2900&CS2900) recommended by the manufacturer | 1+5 | 1+6 |
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | |
| Accumulator Model / Battery Model | ECS4100-H4 | ECS4100-H5 |
| Capacity of each battery module (kWh) | 4.03 | |
| Number(s) of battery modules (CM4100&CS4100) recommended by the manufacturer | 1+3 | 1+4 |
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | |
| Accumulator Model / Battery Model | ECS4100-H6 | ECS4100-H7 |
| Capacity of each battery module (kWh) | 4.03 | |
| Number(s) of battery modules (CM4100&CS4100) recommended by the manufacturer | 1+5 | 1+6 |

| | | | | | |
|--|--|-------------|-------------|-------------|-------|
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | | | | |
| Accumulator Model / Battery Model | HS 10 | HS 12.5 | HS 15 | HS 17.5 | HS 20 |
| Capacity of each battery module (kWh) | 2.45 | | | | |
| Number(s) of battery modules (Mira-BMS & Mira -HV25) recommended by the manufacturer | 1+4 | 1+5 | 1+6 | 1+7 | 1+8 |
| Manufacturer | FOXESS Co., Ltd.(for H3/AC3 series) | | | | |
| Accumulator Model / Battery Model | ECS4300H-H4 | ECS4300H-H5 | ECS4300H-H6 | ECS4300H-H7 | |
| Capacity of each battery module (kWh) | 4.14 | | | | |
| Number(s) of battery modules (CM4300H&CS4300H) recommended by the manufacturer | 1+3 | 1+4 | 1+5 | 1+6 | |
| Note: The batteries are not integrated into the inverter and must be installed according to the local regulations. | | | | | |