

Certificate

of Conformity

Registered No.:

COCPVP05050/22E-04

File reference

Test report No.

Date of issue

PVP05050/22E-02

TRPVP05050/22E/02

2022-07-05

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.

Room A203, Building C, No 205, Binghai Six Road, New Airport Industry

Area, Longwan District, Wenzhou, Zhejiang Province.

Manufacturer:

FOXESS CO., LTD.

Room A203, Building C, No 205, Binghai Six Road, New Airport Industry

Area, Longwan District, Wenzhou, Zhejiang Province.

Factory:

FOXESS CO., LTD. WUXI BRANCH

No. 11, Lijing Road, Xinwu District, Wuxi City, Jiangsu Province, China.

Product:

Storage Inverter

Type designation:

H1-6.0-E, H1-5.0-E, H1-4.6-E, H1-3.7-E, H1-3.0-E

AIO-H1-6.0, AIO-H1-5.0, AIO-H1-4.6, AIO-H1-3.7, AIO-H1-3.0

Type of equipment:

Static conversion device

Rotary generation device

Remark: The device is for plants of each power.

Certification fundamental(s):

BOS-P-01 Rev. 00

Standard(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

Renewable Energy

ESS-T-012 COC



中国认可 产品 PPONUC

PRODUCT CNAS C183-P Member of TÜV NORD Group Tel: +86-571-85386989 Fax: +86-571-85386986

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Page 1 of 5



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.

Certificate no. 200336, issued by DCI certification Ltd.

☐ Test report of CEI 0-21:2019-04:

Report no. BL-DG2130790-B01, BL-DG2230087-B01, BL-DG2260630 issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS

L14701

Report no. 4861920333200&4861921219500, issued by TÜV SÜD Certification and Testing (China) Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L2282.

Report no. BL-DG2130790-402&BL-DG2130790-403, issued by

Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS

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

Report no. C21-342-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).

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Annex to Certificate No.: COCPVP05050/22E-04

File no.: PVP05050/22E-02



Description of product(s):

Model types:	H1-3.0-E/	H1-3.7-E/	H1-4.6-E/	H1-5.0-E/	H1-6.0-E/	
	AIO-H1-3.0	AIO-H1-3.7	AIO-H1-4.6	AIO-H1-5.0	AIO-H1-6.0	
	Ger	eral information	on	-	- N	
Firmware:	V1.09					
PV input:	Š)					
Vmax PV [V d.c.]:	600					
Mpp voltage range [V d.c.]:	80 - 550					
lsc PV [A d.c.]:	15/15	15/15	15/15	15/15	15/15	
Max. input current [A d.c.]:	13.5/13.5	13.5/13.5	13.5/13.5	13.5/13.5	13.5/13.5	
Overvoltage category (OVC):	II					
Battery input parameters:						
Battery Type:	Lithium-Ion					
Voltage range[V d.c.]:	H1-3.0-E, H1-3.7-E, H1-4.6-E, H1-5.0-E, H1-6.0-E: 85-450 AIO-H1-3.0, AIO-H1-3.7, AIO-H1-4.6, AIO-H1-5.0, AIO-H1-6.0: 85-210					
Max. Charge Current [Ad.c.]:	40					
	40					
-						
[Ad.c.]:	ters:					
Max. Discharge Current [Ad.c.]: AC output (Grid Side) parame Rated output voltage [V a.c.]:	ters:					
[Ad.c.]: AC output (Grid Side) parame Rated output voltage [V	ters:		40			
[Ad.c.]: AC output (Grid Side) parame Rated output voltage [V a.c.]: Raged output frequency	ters:	3680	220/230/240	5000	6000	
[Ad.c.]: AC output (Grid Side) parame Rated output voltage [V a.c.]: Raged output frequency [Hz]:		3680 4048	40 220/230/240 50/60	5000 5500	6000 6600	
[Ad.c.]: AC output (Grid Side) parame Rated output voltage [V a.c.]: Raged output frequency [Hz]: Rated output power [W]:	3000		40 220/230/240 50/60 4600			

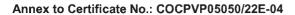
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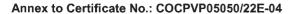
AC output (Back-up) paramete	ers:		_			
Rated output voltage [V a.c.]:	220/230/240					
Raged output frequency [Hz]:	50/60					
Rated output power [W]:	5000	5000	6000	6000		6000
Max. apparent power [VA]:	5000	5000	6000	6000		6000
Max. output current [A a.c.]:	21.7	21.7	26.1	26.1		26.1
Power factor cosφ [λ]:	1 default (adjustable +/-0.8)					
Overvoltage category (OVC):	III					
The inverters listed above may	be installed v	with the followir	g batteries:			
Manufacturer	FOXESS Co., Ltd.(for H1 series)				5)	
Accumulator Model / Battery M	lodel	HS 5.2	HS 7.8	HS 10.4 HS		HS 13
Capacity of each battery module (kWh)		2.6				
Number(s) of battery modules recommended by the manufacturer (HV2600)		2	3	4		5
Manufacturer		FOXESS Co., Ltd.(for H1 series)				
Accumulator Model / Battery Model		HS 15.6 HS 18.2				
Capacity of each battery modu	ıle (kWh)		2.6	5		
Number(s) of battery modules recommended by the manufacturer (HV2600)		6		7		
Manufacturer		FOX	ESS Co., Ltd.(1	or AIO-H	1 seri	ies)
Accumulator Model / Battery M	lodel	HVS 5.2	HVS 5.2 HVS		6 7.8 HVS 10.4	
Capacity of each battery module (kWh)		2.6				
Number(s) of battery modules recommended by the manufacturer (HV2600)		2		3		4
Manufacturer		FOXESS Co., Ltd.(for H1 series)				
Accumulator Model / Battery M	lodel	ECS2900-H2 ECS29		900-H3 ECS2900-H4		
Capacity of each battery modu	ıle (kWh)		2.8	8		
Number(s) of battery modules recommended by the manufacturer (CM2900&CS2900)		1+1	1+2	2		1+3

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FOXESS Co., Ltd.(for H1 series)			
ECS2900-H5	ECS2900-H6		
2.88			
1+4	1+5		
FOXESS Co., Ltd.(for H1 series)			
ECS4100-H2	ECS4100-H3	ECS4100-H4	
4.03			
1+1	1+2	1+3	
FOXESS Co., Ltd.(for H1 series)			
ECS4100-H5	ECS4100-H6		
4.03			
1+4	1+5		
FOXESS Co., Ltd.(for H1 series)			
Mira-EQ42-H2	Mira-EQ42-H3	Mira-EQ42-H4	
4.15			
1+1	1+2	1+3	
FOXESS Co., Ltd.(for H1 series)			
Mira-EQ42-H5	Mira-EQ42-H6		
1+4	1+5		
	1+4 FOXE: ECS4100-H2 1+1 FOXE: ECS4100-H5 1+4 FOXE: Mira-EQ42-H2 1+1 FOXE: Mira-EQ42-H2	ECS2900-H5 2.88 1+4 1+5 FOXESS Co., Ltd.(for H1 states	

Note:

The batteries are not integrated into the inverter and must be installed according to the local regulations.

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