

Certificate

of Conformity

Registered No.:

COCPVP07103/22E-01

File reference

Test report No.

Date of issue

PVP07103/22E-01

TRPVP07103/22E/01

2022-11-21

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:

AC1-6.0-E, AC1-5.0-E, AC1-4.6-E, AC1-3.7-E, AC1-3.0-E,

AIO-AC1-6.0, AIO-AC1-5.0, AIO-AC1-4.6, AIO-AC1-3.7, AIO-AC1-3.0

Type of equipment:

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



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

Page 1 of 6



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. 200336, issued by DCI certification Ltd.

☐ Test report of CEI 0-21:2019-04:

Report no. BL-DG2280174-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. 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).

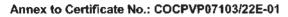
Renewable Energy

ESS-T-012 COC



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 -

Page 2 of 6



File no.: PVP07103/22E-01



Description of product(s):

Model types	AC1-3.0-E/	AC1-3.7-E/	AC1-4.6-E/	AC1-5.0-E/	AC1-6.0-E/	
	AIO-AC1-	AIO-AC1-	AIO-AC1-	AIQ-AC1-	AIO-AC1-	
	3.0	3.7	4.6	5.0	6.0	
General information:						
Firmware			V1.09			
Battery input parameters:						
Battery Type			Lithium-lon			
	AC1-3.0-E, A	C1-3.7-E, AC1	-4.6-E, AC1-5.6	0-E, AC1-6.0-E	:	
Voltage range[V d.c.]			85-450			
voltage range[v d.o.]	AIO-AC1-3.0	, AIO-AC1-3.7,	AIO-AC1-4.6,	AIO-AC1-5.0, A	AIO-AC1-6.0:	
			85-210			
Max. Charge Current [Ad.c.]:		40				
Max. Discharge Current	40					
[Ad.c.]	40					
AC output (Grid Side) parame	ters:					
Rated output voltage [V	220/230/240					
a.c.]:	220/200/2 1 0					
Raged output frequency	50/60					
[Hz]	50.00				1	
Rated output power [W]:	3000	3680	4600	5000	6000	
Max. apparent power [VA]:	3300	4048	5060	5500	6600	
Max. output current [A a.c.].:	14.4	17.6	22	23.9	28.7	
Power factor cosφ [λ]:	1 default (adjustable +/-0.8)					
AC output (Back-up) paramet	ers:					
Rated output voltage [V	220/230/240					
a.c.]:	220/230/240					
Raged output frequency	50/60					
[Hz]:						
Rated output power [W]:	5000	5000	6000	6000	6000	
Max. apparent power [VA]:	5000	5000	6000	6000	6000	

Renewable Energy



TÜV NORD (HANGZHOU) CO., LTD. Member of TÜV NORD Group Tel: +86-571-85386989 Fax: +86-571-85386986

Fax: +86-571-85386986 www.tuv-nord.com/cn P.R. China



Annex to Certificate No.: COCPVP07103/22E-01

File no.: PVP07103/22E-01

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		

Overvoltage category (OVC)	III					
The inverters listed above may	be installed	with the following	ng batteries:			
Manufacturer	FOXESS Co., Ltd.(for AC1 series)			eries)		
Accumulator Model / Battery Model		HS 5.2	HS 7.8	HS 10.4	HS 13	
Capacity of each battery module (kWh)		2.6				
Number(s) of battery modules recommended by the manufacturer (HV2600)		2	3	4	5	
lanufacturer		FOXESS Co., Ltd.(for AC1 series)				
Accumulator Model / Battery Model		HS 15.6		H\$ 18.2		
Capacity of each battery module (kWh)		2.6				
Number(s) of battery modules recommended by the manufacturer (HV2600)		6		7		
Manufacturer		FOXESS Co., Ltd.(for AIO-AC1 series)				
Accumulator Model / Battery Model		HVS 5.2	HV	5 7.8	HVS 10.4	
Capacity of each battery modu	le (kWh)	2.6				
Number(s) of battery modules recommended by the manufacturer (HV2600)		2	ı	3	4	

Renewable Energy

ESS-T-012 COC



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



Annex to Certificate No.: COCPVP07103/22E-01

File no.: PVP07103/22E-01

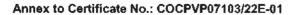


Manufacturer	FOXESS Co., Ltd.(for AC1 series)			
Accumulator Model / Battery Model	ECS2900-H2	ECS2900-H3	ECS2900-H4	
Capacity of each battery module (kWh)	2.88			
Number(s) of battery modules recommended by the manufacturer (CM2900&CS2900)	1+1	1+2	1+3	
Manufacturer	FOXES	SS Co., Ltd.(for AC1	series)	
Accumulator Model / Battery Model	ECS2900-H5	ECS2900-H6	ECS2900-H7	
Capacity of each battery module (kWh)		2.88		
Number(s) of battery modules recommended by the manufacturer (CM2900&CS2900)	1+4	1+5	1+6	
Manufacturer	FOXES	S Co., Ltd.(for AC1	series)	
Accumulator Model / Battery Model	ECS4100-H2	ECS4100-H3	ECS4100-H4	
Capacity of each battery module (kWh)	4.03			
Number(s) of battery modules recommended by the manufacturer (CM4100&CS4100)	1+1	1+2	1+3	
Manufacturer	FOXESS Co., Ltd.(for AC1 series)			
Accumulator Model / Battery Model	ECS4100-H5	ECS4100-H6	ECS4100-H7	
Capacity of each battery module (kWh)	4.03			
Number(s) of battery modules recommended by the manufacturer (CM4100&CS4100)	1+4	1+5	1+6	
Manufacturer	FOXESS Co., Ltd.(for AC1 series)			
Accumulator Model / Battery Model	ECS4300H-H2	ECS4300H-H3	ECS4300H-H4	
Capacity of each battery module (kWh)	4.15			
Number(s) of battery modules recommended by the manufacturer (CM4300H&CS4300H)	1+1	1+2	1+3	
Manufacturer	FOXESS Co., Ltd.(for AC1 series)			
Accumulator Model / Battery Model	ECS4300H-H5	ECS4300H-H6	ECS4300H-H7	
Capacity of each battery module (kWh)	4.15			
Number(s) of battery modules recommended by the manufacturer (CM4300H&CS4300H)	1+4	1+5	1+6	

Renewable Energy



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



File no.: PVP07103/22E-01



Manufacturer	FOXESS Co., Ltd.(for AC1 series)		
Accumulator Model / Battery Model	HS 5	HS 7.5	H\$ 10
Capacity of each battery module (kWh)	2.45		
Number(s) of battery modules recommended by the manufacturer (Mira-BMS&Mira-HV25)	1+2	1+3	1+4
Manufacturer	FOXES	S Co., Ltd.(for AC1	series)
Accumulator Model / Battery Model	HS 12.5	HS 15	HS 17.5
Capacity of each battery module (kWh)		2.45	
Number(s) of battery modules recommended by the manufacturer (Mira-BMS&Mira-HV25)	1+5	1+6	1+7
Manufacturer	FOXESS Co., Ltd.(for AC1 series)		
Accumulator Model / Battery Model	HS 20		
Capacity of each battery module (kWh)	2.45		
Number(s) of battery modules recommended by the manufacturer	1+8		
(Mira-BMS&Mira-HV25)			
Manufacturer	FOXESS Co., Ltd.(for AC1 series)		
Accumulator Model / Battery Model	ECS2800H-H2	ECS2800H-H3	ECS2800H-H4
Capacity of each battery module (kWh)	2.76		
Number(s) of battery modules recommended by the manufacturer (CM2800H&CS2800H)	1+1	1+2	1+3
Manufacturer	FOXESS Co., Ltd.(for AC1 series)		
Accumulator Model / Battery Model	ECS2800H-H5	ECS2800H-H6	EC\$2800H-H7
Capacity of each battery module (kWh)	2.76		
Number(s) of battery modules recommended by the manufacturer (CM2800H&CS2800H)	1+4	1+5	1+6

Note:

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

Renewable Energy

ESS-T-012 COC



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