

Certificate

of Conformity

Registered No.:

COCPVP02105/23B-08

File reference Test report No. Date of issue PVP02105/23B-07 TRPVP02105/23B/07 2023-09-27

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: Xiamen E-star Energy Co., Ltd.

5F, Liantai Bldg, No. 43 Huli Avenue, Xiamen, China

Manufacturer: Xiamen E-star Energy Co., Ltd.

5F, Liantai Bldg, No. 43 Huli Avenue, Xiamen, China

Xiamen E-star Energy Co., Ltd. Factory:

Room 501-1, No. 43, Huli Avenue, Huli District, Xiamen, China

Product: Grid Support Utility Interactive Inverter

Type designation: HERF-600, HERF-800, HERF-1000

Single-phase, Firmware version: V01.00.04

Type of equipment:

Static conversion device

Rotary generation device

Remark: The device is for plants below 11.08kW.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-21:2019-04, CEI 0-21:2022-03, CEI 0-21;V1:2022-11 "Reference

technical rules for the connection of active and passive users to the LV

electrical Utilities"

See test report for detailed information.

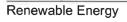
Certification body: TÜV NORD (HANGZHOU) CO., LTD.

Room B409, Building 1, No. 9, Jiuhuan Road, Shangcheng District,

Hangzhou City, Zhejiang Province, 310019, P.R. China

Accredited by CNAS according to ISO/IEC 17065:2012, certificate no.

CNAS C183-P.





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



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, CEI 0-21:2022-

03, CEI 0-21;V1:2022-11

Certificate no. 98022Q10669R0S, issued by Shenzhen Hongfan

International Certification Center Co., Ltd

☑ Test report of CEI 0-21:2019-04, CEI 0-21:2022-03, CEI 0-

21;V1:2022-11:

Report no. BL-DG2340142-201, issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC

17025:2017, certificate no. CNAS L14701

Report no. BMH-ESH-P22110201B-1, issued by Bureau Veritas ADT (Shanghai) Corporation, accredited by A2LA according to ISO/IEC

17025:2017, certificate no. 2343.01.

Report no. J23-377-WT-02, 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

BOS&ESS-T-004 COC



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Annex to Certificate No.: COCPVP02105/23B-08

File no.: PVP02105/23B-07 2023-09-27

Description of product(s):

Model types:	HERF-600	HERF-800	HERF-1000
	PV inpu	ut	
Vmax PV [V d.c.]:	60		
Mpp voltage range [V d.c.]:	16-48		
lsc PV [A d.c.]:	2*20		
Max. input current [A d.c.]:	2*13.0	2*13.5	2*14.5
Overvoltage category (OVC):	· II		
***	AC output (Grid Sid	e) parameters	
Rated output voltage [V a.c.]:	230		
Raged output frequency [Hz]:	50		
Rated output power [VA]:	600	800	980
Rated Output Current [Aa.c.]:	2.61	3.48	4.26
Power factor cosφ [λ]:	>0.99		
Overvoltage category (OVC):	III		

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