

Certificate of Conformity

Registered No.:
COC PVP10001/24E-005

File reference
PVP10001/24E-004

Test report No.
TRPVP10001/24E/004

Date of issue
2025-01-24

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: **Zhejiang Hyxi Technology Co., Ltd.**
Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street,
Binjiang District, Hangzhou, Zhejiang, China.

Manufacturer: **Zhejiang Hyxi Technology Co., Ltd.**
Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street,
Binjiang District, Hangzhou, Zhejiang, China.

Factory : **DGB(Jiaxing)Technology Electronics Co., Ltd.**
Building A, No. 148, Tianshu Road, Jiaxing Economic and Technology
Development Zone, Jiaxing City, 314000 Zhejiang, P.R. China

Product: Stackable hybrid module

Type designation: HYX-H-HTA, HYX-H-HTAC

Type of equipment: ☒ Interface device
☒ Interface protection
☒ Static conversion device
☐ Rotary generation device
Remark: The device is for plants of greater than 11.08kW.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-21:2022-03, CEI 0-21;V1:2022-11,
CEI 0-21;V2:2024-01, CEI 0-21;V2/EC:2024-03
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



Renewable Energy

GRID-T-004 COC



中国认可
产品
PRODUCT
CNAS C183-P

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TÜV NORD (HANGZHOU) CO., LTD.
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P.R. China

Version 1.0

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 0-21:2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03.

☒ ISO 9001 certificate:

Certificate no. 01 100 2232352, issued by TÜV Rheinland Cert GmbH

☒ 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-DG2510091-201, issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

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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Version 1.0

Description of product(s):

Model types:	HYX-H-HTA	HYX-H-HTAC
General information		
Software version:	V1.0	
PV input		
Vmax PV [V d.c.]	1000	-
Mpp voltage range [V d.c.] .. :	140 - 980	-
Max. input current [A d.c.]... :	20/20*2	-
Isc PV [A d.c.]	30/30*2	-
Overvoltage category (OVC):	II	-
AC (Grid Side) parameters		
Rated voltage [V a.c.]	3/N/PE, 220/380; 230/400; 240/415	
Rated frequency [Hz]	50/60	
Max. Input/output power [W]:	45360/16500	
Max. Input/output current [A a.c.].....:	63/24	
Power factor cosφ [λ]	0.8 leading to 0.8 lagging	
Overvoltage category (OVC):	III	
Battery parameters		
Voltage range[V d.c.].....:	150 - 600	
Max. Charge/Discharge Current [Ad.c.].....:	32/32	
Overvoltage category (OVC):	II	
AC (Back-up) parameters:		



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Rated output voltage [V a.c.]:	3/N/PE, 220/380; 230/400; 240/415
Rated output frequency [Hz]:	50/60
Max. Input/output current [A a.c.].....:	24/63
Max. Input/output power [W]:	16500/45360

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

	ZHEJIANG HYXI TECHNOLOGY CO., LTD			
BMS Version	2.00.00			
Cell Type.....	LiFePO4			
Accumulator Model / Battery Model	HYX-E100-H2	HYX-E150-H2	HYX-E200-H2	HYX-E250-H2
Capacity of battery module (kWh).....	10.6	15.9	21.2	26.5
Number(s) of battery modules recommended by the manufacturer	2	3	4	5
Note: The batteries are not integrated into the inverter and must be installed according to the local regulations.				