

Certificate of Conformity

Registered No.:
COCPVP04173/25E-001

File reference
PVP04173/25E-001

Test report No.
TRPVP04173/25E/001

Date of issue
2025-08-15

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 : **Zhejiang Hyxi Technology Co., Ltd.**
28 Dongqiao Road, Dongzhou Street, Fuyang District, Hangzhou City,
Zhejiang, China

Product: Three Phase Inverter

Type designation: HYX-H50K-ET, HYX-H75K-ET, HYX-H80K-ET, HYX-H99K9-ET,
HYX-H100K-ET, HYX-H110K-ET, HYX-H125K-ET, HYX-S50K-T2,
HYX-S75K-T2, HYX-S80K-T2, HYX-S99K9-T2, HYX-S100K-T2,
HYX-S110K-T2, HYX-S125K-T2

Type of equipment: 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 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05
CEI 0-16;V3:2024-01, CEI 0-16;V3/EC2:2024-03, CEI 0-16;V4:2025-02
"Reference technical rules for the connection of active and passive
consumers to the HV and MV electrical networks of distribution
Company"



Renewable Energy

GRID-T-004 COC



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

See test report for detailed information.

Certification body:

TÜV NORD (HANGZHOU) CO., LTD.

Room B409, Building 1, No. 9, Jiuhan 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.

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 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05, CEI 0-16;V3:2024-01, CEI 0-16;V3/EC:2024-03, CEI 0-16;V4:2025-02.

ISO 9001 certificate:

Certificate no. 02124Q10208R0M/SH, issued by Huaxia Certification Center, Inc.

Test report of CEI 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05, CEI 0-16;V3:2024-01, CEI 0-16;V3/EC:2024-03, CEI 0-16;V4:2025-02:

Report no. BL-DG2580033-201, 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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P.R. China

Version 1.1

Description of product(s):

Model types:	HYX-H50K-ET	HYX-H75K-ET	HYX-H80K-ET	HYX-H99K9-ET	HYX-H100K-ET	HYX-H110K-ET	HYX-H125K-ET
General information							
Software version	V01.03.01.06						
PV input							
Vmax PV [V d.c.].....	1100						
Mpp voltage range [V d.c.] ...:	140-1000						
Isc PV [A d.c.]	4*40	6*40	8*40				
Max. input current [A d.c.].....:	4*50	6*50	8*50				
Overvoltage category (OVC)	II						
Battery parameters							
Battery Type.....	LiFePO4						
Voltage range [V d.c.].....	600-950						
Max. Discharge/Charge Current [A d.c.].....:	80.8	121.3	129.3	161.7	161.7	177.9	183.8
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 [kW].....:	50	75	80	99.9	100	110	125
Max. apparent power [kVA] ..:	55	82.5	88	109.9	110	121	125
Rated output current [A a.c.]:	72.1	108.2	115.5	144.3	144.3	158.7	180.4

Power factor $\cos\phi$ [λ].....:	>0.99(0.8 leading-0.8 lagging)
Overvoltage category (OVC):	III

Model types:	HYX-S50K-T2	HYX-S75K-T2	HYX-S80K-T2	HYX-S99K9-T2	HYX-S100K-T2	HYX-S110K-T2	HYX-S125K-T2
General information							
Software version	V01.03.01.06						
PV input							
Vmax PV [V d.c.].....:	1100						
Mpp voltage range [V d.c.] ...:	140-1000						
Isc PV [A d.c.]	4*40	6*40	8*40				
Max. input current [A d.c.].....:	4*50	6*50	8*50				
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 [kW].....:	50	75	80	99.9	100	110	125
Max. apparent power [kVA] ...:	55	82.5	88	109.9	110	121	125
Rated output current [A a.c.]:	72.1	108.2	115.5	144.3	144.3	158.7	180.4
Power factor $\cos\phi$ [λ].....:	>0.99(0.8 leading-0.8 lagging)						
Overvoltage category (OVC):	III						



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

Battery	
Manufacture	Zhejiang Hyxi Technology Co., Ltd.
Module	HYX-BOA215
Version firmware BMS.....	V1.0
System Normal Energy(kWh)	215
System Rated Voltage (V)	768
Max Charge/Discharge Current(A)	140
Note: The batteries are not integrated into the inverter and must be installed according to the local regulations.	



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