

Certificate of Conformity

Registered No.:
COCPPV04066/24E-02

File reference
PVP04066/24E-02

Test report No.
TRPVP04066/24E/02

Date of issue
2024-07-23

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.**
9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street, Xihu District, Hangzhou city, Zhejiang Province, China.

Manufacturer: **Zhejiang Hyxi Technology Co., Ltd.**
9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street, Xihu District, Hangzhou city, Zhejiang Province, 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: Three Phase Hybrid Inverter

Type designation: HYX-H25K-HT, HYX-H20K-HT, HYX-H15K-HT

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 "Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company"

See test report for detailed information.



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

Certification body:

TÜV NORD (HANGZHOU) CO., LTD.

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

ISO 9001 certificate:

Certificate no. 01 100 2232352, issued by TÜV Rheinland China Ltd.

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:

Report no. BL-DG2461146-201, 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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Description of product(s):

Model types:	HYX-H25K-HT	HYX-H20K-HT	HYX-H15K-HT
General information			
Software version.....:	V1.0		
PV input parameters			
Vmax PV [V d.c.]	1100		
Mpp voltage range [V d.c.]..:	140-1000		
Isc PV [A d.c.]	30*2/30*2		
Max. input current [A d.c.]..:	20*2/20*2		
Overvoltage category (OVC)	II		
AC output (Grid Side) parameters			
Rated output voltage [V a.c.]	230/400, 3P/N/PE		
Rated output frequency [Hz]	50/60		
Rated output power [W]	25000	20000	15000
Max. apparent power [VA]..:	27500	22000	16500
Max. output current [A a.c.]:	41.7	33.4	25.0
Power factor cosφ [λ].....:	0.8leading-0.8lagging		
Overvoltage category (OVC).....:	III		
Battery parameters			
Battery Type.....:	Lithium-ion		
Voltage range[V d.c.].....:	150-600		
Max. Charge/ Discharge Current [Ad.c.].....:	60		
Overvoltage category (OVC)	II		



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AC output (Back-up) parameters:			
Rated output voltage [V a.c.]	230/400, 3P/N/PE		
Rated output frequency [Hz]	50/60		
Max. apparent power [VA]..:	27500	22000	16500
Max. output current [A a.c.]:	41.7	33.4	25.0

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

Manufacturer:	Zhejiang Hyxi Technology Co., Ltd.			
Accumulator Model / Battery Model	HYX-E100-H2	HYX-E150-H2	HYX-E200-H2	HYX-E250-H2
Normal Energy [kWh]	10.6	15.9	21.2	26.5
Number(s) of battery modules recommended by the manufacturer	2	3	4	5
Version firmware BMS	2.00.00			
Model or Type designation	HYX-E300-H2	HYX-E400-H2	HYX-E500-H2	-
Normal Energy [kWh]	31.8	42.4	53.0	-
Number(s) of battery modules recommended by the manufacturer	6	8	10	-
Version firmware BMS	2.00.00			

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

