

Certificate of Conformity

Certificate Number: CN-PVES-250434

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant: Zhejiang Hyxi Technology Co., Ltd.
Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street, Binjiang District, 310051 Hangzhou, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

Product: Three Phase Hybrid Inverter

Ratings & Principle Characteristics: See appendix of Certificate of Conformity

Model: HYX-H5K-HT, HYX-H6K-HT, HYX-H8K-HT, HYX-H10K-HT, HYX-H12K-HT

Brand Name<s>: 

Product Complies with: IEC 61727:2004
IEC 62116:2014

Certificate Issuing Office Name & Address: Intertek Testing Services Ltd. Shanghai
West Area, 2nd Floor, No. 707, Zhangyang Road
China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012

Test Report No.<s>: 2505B0801SHA-001

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 07 November 2025



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250434

Ratings & Principal Characteristics:

Model	HYX-H5K-HT	HYX-H6K-HT	HYX-H8K-HT	HYX-H10K-HT
PV Input				
V _{MAX} Input [Vd.c.]	1000			
Start voltage [Vd.c.]	160			
MPPT Voltage Range [Vd.c.]	140~980			
Maximum PV Input Current (A)	36(18/18)	36(18/18)	36(18/18)	54(18/18*2)
Max. input short-circuit current (A)	60(30/30)	60(30/30)	60(30/30)	90(30/30*2)
Number of MPPT	2			
PV input number (Number of String Per MPPT)	2(1/1)	2(1/1)	2(1/1)	3(1/2)
Battery Input				
Battery type	Lithium-ion			
Battery Voltage Range (V)	150~600			
Max. Charge/Discharge Current (A)	40			
Max. Charge/Discharge Power (kW)	5.5	6.6	8.8	11

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AC Input/Output				
Rated Output Voltage [Va.c.]	220/380V, 230/400V, 240/415, 3/N/PE			
Rated Frequency [Hz]	50/60			
Rated Output Power [kW]	5	6	8	10
Max. Output Apparent Power [kVA]	5.5	6.6	8.8	11
Max. Output Active Power [kW]	5.5	6.6	8.8	11
Max. Input Apparent Power [kVA]	11	13.2	17.6	22
Rated Output Current [A]	7.6 / 220V 7.3 / 230V 7.0 / 240V	9.1 / 220V 8.7 / 230V 8.4 / 240V	12.2 / 220V 11.6 / 230V 11.2 / 240V	15.2 / 220V 14.5 / 230V 13.9 / 240V
Max. Output Current [A]	8.4 / 220V 8.0 / 230V 7.7 / 240V	10.0 / 220V 9.6 / 230V 9.2 / 240V	13.4 / 220V 12.8 / 230V 12.3 / 240V	16.7 / 220V 16.0 / 230V 15.3 / 240V
Max. Input Current [A]	16.7	20	26.7	33.4
Power Factor cosφ [λ]	-0.8 to 0.8			
AC Output (Back-Up)				
Rated Output Power [kVA]	5	6	8	10
Max. Continues Output Apparent Power [kVA]	5.5	6.6	8.8	11
Rated Output Current [A]	7.6	9.1	12.2	15.2
Max. Output Current [A]	8.4	10	13.4	16.7
Others				
Enclosure Protection (IP)	IP65			
Operating Temperature Range [°C]	-30 to 60			
Overvoltage Category	II(DC)/III(AC)			
Dimension [W*H*D (mm)]	542*478*186			
Weight [kg]	34			
Software version	V1.0			

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Model	HYX-H12K-HT
PV Input	
V _{MAX} Input [Vd.c.]	1000
Start voltage [Vd.c.]	160
MPPT Voltage Range [Vd.c.]	140~980
Maximum PV Input Current (A)	54(18/18*2)
Max. input short-circuit current (A)	90(30/30*2)
Number of MPPT	2
PV input number (Number of String Per MPPT)	3(1/2)
Battery Input	
Battery type	Lithium-ion
Battery Voltage Range (V)	150~600
Max. Charge/Discharge Current (A)	40
Max. Charge/Discharge Power (kW)	13.2

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AC Input/Output	
Rated Output Voltage [Va.c.]	220/380V, 230/400V, 240/415, 3/N/PE
Rated Frequency [Hz]	50/60
Rated Output Power [kW]	12
Max. Output Apparent Power [kVA]	13.2
Max. Output Active Power [kW]	13.2
Max. Input Apparent Power [kVA]	26.4
Rated Output Current [A]	18.2 / 220V 17.4 / 230V 16.7 / 240V
Max. Output Current [A]	20.0 / 220V 19.2 / 230V 18.4 / 240V
Max. Input Current [A]	40
Power Factor cosφ [λ]	-0.8 to 0.8
AC Output (Back-Up)	
Rated Output Power [kVA]	12
Max. Continues Output Apparent Power [kVA]	13.2
Rated Output Current [A]	18.2
Max. Output Current [A]	20
Others	
Enclosure Protection (IP)	IP65
Operating Temperature Range [°C]	-30 to 60
Overvoltage Category	II(DC)/III(AC)
Dimension [W*H*D (mm)]	542*478*186
Weight [kg]	34
Software version	V1.0

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