ATTESTATION ◆ ATTESTATO ◆ ATESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Compliance Document

No. D 118897 0021 Rev. 01

Holder of Certificate: **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: **Energy Storage System**
Single phase hybrid inverter with storage battery system

Model(s):

Single phase hybrid inverter:
HYX-H3K-HS, HYX-H3K6-HS, HYX-H4K-HS, HYX-H4K6-HS, HYX-H5K-HS, HYX-H6K-HS, HYX-H8K-HS

Storage battery system:
HYX-E50-H, HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E50-H2, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2

Parameters: See next pages.

Tested according to: CEI 0-21:2022/V2:2024

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040923020810-01

Date, 2025-06-24

(Zhengdong Ma)

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Section A	Manufacturer	Zhejiang Hyxi Technology Co., Ltd. 9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street, Xihu District, 310008 Hangzhou, Zhejiang, PEOPLE'S REPUBLIC OF CHINA				
	Equipment type	Single phase hybrid inverter with storage battery system				
	Brand	HYXiPOWER				
	Number of phase	☒ Single phase ☐ Three phase Frequency: 50Hz Voltage: a.c. 230V				
	Primary energy used	☒ Solar ☒ Storage ☐ Wind ☐ Hydroelectric ☐ CHP ☐ Other				
	Generator model	HYX-H3K-HS	HYX-H3K6-HS	HYX-H4K-HS	HYX-H4K6-HS	HYX-H5K-HS
	Rated power	3000 W / 3000 VA	3600 W / 3600 VA	4000 W / 4000 VA	4600 W / 4600 VA	5000 W / 5000 VA
	Generator model	HYX-H6K-HS	HYX-H8K-HS	-	-	-
	Rated power	6000 W / 6000 VA	8000 W / 8000 VA	-	-	-
	The generator:	☐ is suitable for installation in systems with an output power of more than 11.08 kW ☒ is capable of limiting Idc to 0.5% of rated current: ☒ uses a DC-sensitive protection function ☐ uses a transformer operating at mains frequency				
Section B	Characteristics of the interface protection system					
	Manufacturer	Zhejiang Hyxi Technology Co., Ltd.				
	Model	HYX-H3K-HS, HYX-H3K6-HS, HYX-H4K-HS, HYX-H4K6-HS, HYX-H5K-HS, HYX-H6K-HS, HYX-H8K-HS				
	Type	☒ Integrated ☐ Not integrated				
Section C	Characteristics of inverter(s)					
	Generator model	HYX-H3K-HS	HYX-H3K6-HS	HYX-H4K-HS	HYX-H4K6-HS	HYX-H5K-HS
	Manufacturer of inverter	Zhejiang Hyxi Technology Co., Ltd				
	Firmware version	ARM: V00.01.03.00, DSP: V2001				
	Rated power of inverter (PNINV)	3000 W	3600 W	4000 W	4600 W	5000 W
	Generator model	HYX-H6K-HS	HYX-H8K-HS	-	-	-
	Manufacturer of	Zhejiang Hyxi Technology Co., Ltd				

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	inverter					
	Firmware version	ARM: V00.01.03.00, DSP: V2001				
	Rated power	6000 W	8000 W	-	-	-
Section E	Characteristics of the Storage System (SdA)					
	Representative Combination	HYX-H3K-HS with HYX-E50-H, HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E50-H2, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2	HYX-H3K6-HS, HYX-H4K-HS, HYX-H4K6-HS, HYX-H5K-HS, HYX-H6K-HS, HYX-H8K-HS with HYX-E50-H, HYX-E50-H2	HYX-H3K6-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E50-H2, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2		
	Psn (nominal discharge power)	3000 W	3000 W	3600 W		
	Pcn (nominal charging power)	3000 W	3000 W	3600 W		
	Psmax (max. discharge power)	3000 W	3000 W	3600 W		
	Pcmax (max. charging power)	3000 W	3000 W	3600 W		
	Representative Combination	HYX-H4K-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2	HYX-H4K6-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2	HYX-H5K-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2		
	Psn (nominal discharge power)	4000 W	4600 W	5000 W		
	Pcn (nominal charging power)	4000 W	4600 W	5000 W		
	Psmax (max. discharge power)	4000 W	4600 W	5000 W		
	Pcmax (max. charging power)	4000 W	4600 W	5000 W		
	Representative Combination	HYX-H6K-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2	HYX-H8K-HS with HYX-E100-H, HYX-E100-H2	HYX-H8K-HS with HYX-E150-H, HYX-E200-H, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2		
	Psn (nominal discharge power)	6000 W	6000 W	8000 W		
	Pcn (nominal charging power)	6000 W	6000 W	8000 W		

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	Psmax (max. discharge power)	6000 W	6000 W	8000 W	
	Pcmax (max. charging power)	6000 W	6000 W	8000 W	
	Type	☒ Bidirectional ☐ Monodirectional			
	Batteries that can be used with the above static converters				
	Brand	HYXiPOWER			
	Technology	Li-Ion			
	Models	HYX-E50-H/ HYX-E50-H2	HYX-E100-H/HYX-E100-H2	HYX-E150-H/HYX-E150-H2	HYX-E200-H/ HYX-E200-H2
	CUS module (kWh)	5.3	10.6	15.9	21.2
	Models	HYX-E250-H2	HYX-E300-H2	HYX-E400-H2	HYX-E500-H2
	CUS module (kWh)	26.5	31.8	42.4	53
	BMS firmware version	V1.03.00_T_20231107(HYX-E50-H, HYX-E100-H, HYX-E150-H, HYX-E200-H); V2.05.00 (HYX-E50-H2, HYX-E100-H2, HYX-E150-H2, HYX-E200-H2, HYX-E250-H2, HYX-E300-H2, HYX-E400-H2, HYX-E500-H2)			
	Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with HYXiPOWER instruction.			
Section I	References of the laboratories that performed the tests and their test reports (RdP)				
	Selected method	☒ Tests performed under the supervision of a certification body			
	Test Reports (RdP)	Test report according to Annex A & Bbis: 5040923020810-00; 5040923020810-01			
	Issued by	Testing lab: 1) Manufacturer's laboratory Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH			
	Accreditation No.	D-ZE-11321-01-00			
	Accreditation body reference.	DAKKS			
Section M	Reference of the certification body				
	Certification Body	TÜV SÜD Product Service GmbH			
		DAKKS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013			