

Compliance Document

D 118897 0021 Rev. 00

Holder of Certificate: **Zhejiang Hyxi Technology Co., Ltd.**

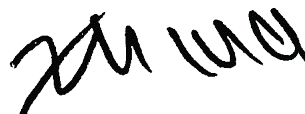
9-10F, Building 3, Jiuyao Commercial Center
Zhuantang Street
Xihu District
310008 Hangzhou, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System**
Grid-interactive inverter with storage
battery system

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.: 5040923020810-00

Date, 2023-12-28



(Zhengdong Ma)

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Model(s):

Grid-interactive 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

Parameters:

Please see pages 3 to 5.

**Tested
according to:**

CEI 0-21:2022/V1:2022

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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	Grid-interactive inverter with storage battery system				
	Brand	HYXiPOWER				
	Number of phase	<input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V				
	Primary energy used	<input checked="" type="checkbox"/> Solar <input checked="" type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> 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:	<input type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current: <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> 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	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> 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	3000 W	3600 W	4000 W	4600 W	5000 W

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	inverter (PNINV)					
	Generator model	HYX-H6K-HS	HYX-H8K-HS	-	-	-
	Manufacturer of inverter	Zhejiang Hyxi Technology Co., Ltd				
	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-H3K6-HS, HYX-H4K-HS, HYX-H4K6-HS, HYX-H5K-HS, HYX-H6K-HS, HYX-H8K-HS with HYX-E50-H		HYX-H3K6-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H
	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
	Pcmx (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-H4K6-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H		HYX-H5K-HS with HYX-E100-H, HYX-E150-H, HYX-E200-H
	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
	Pcmx (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-H8K-HS with HYX-E100-H		HYX-H8K-HS with HYX-E150-H, HYX-E200-H
	Psn (nominal discharge power)	6000 W		6000 W		8000 W
	Pcn (nominal charging power)	6000 W		6000 W		8000 W
	Psmax (max. discharge power)	6000 W		6000 W		8000 W
	Pcmx (max. charging power)	6000 W		6000 W		8000 W
	Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional				
	Batteries that can be used with the above static converters					
	Brand	HYXiPOWER				

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	Technology	Li-Ion			
	Models	HYX-E50-H	HYX-E100-H	HYX-E150-H	HYX-E200-H
	CUS module (kWh)	5.3	10.6	15.9	21.2
	BMS firmware version	V1.03.00_T_20231107			
	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	<input checked="" type="checkbox"/> Tests performed under the supervision of a certification body			
	Test Reports (RdP)	1) Test report according to Annex A & Bbis: 5040923020810-00			
	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			