

Compliance Document

No. D 117109 0029 Rev. 00

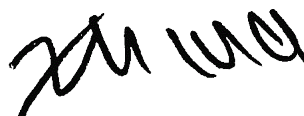
Holder of Certificate: **Jiangsu Weiheng Intelligent Technology Co., Ltd.**
Sheng Xiang, Yaxi Community, Luoshe Town, Huishan District
214000 Wuxi, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
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.: 704092234428-00

Date, 2023-04-20



(Zhengdong Ma)



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Model(s): Grid-interactive inverter: WH-SHC362, WH-SHC462,
WH-SHC502, WH-SHC602
Storage battery system: HV9637, 2-4 pieces

Parameters:
Please see pages 3 to 5.

Tested according to: CEI 0-21:2022

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The following generators meet the requirements of CEI 0-21:2022					
Section A	Manufacturer	Jiangsu Weiheng Intelligent Technology Co., Ltd. Sheng Xiang, Yaxi Community, Luoshe Town, Huishan District, 214000 Wuxi, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA			
	Equipment type	Grid-interactive inverter with storage battery system			
	Brand	eCACTUS			
	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	WH-SHC362	WH-SHC462	WH-SHC502	WH-SHC602
	Rated power	3600 W/3600 VA	4600 W/4600 VA	5000 W/5000 VA	6000 W/6000 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	Jiangsu Weiheng Intelligent Technology Co., Ltd.			
	Model	WH-SHC362, WH-SHC462, WH-SHC502, WH-SHC602			
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated			
Section C	Characteristics of inverter(s)				
	Model of inverter	WH-SHC362	WH-SHC462	WH-SHC502	WH-SHC602
	Manufacturer of inverter	Jiangsu Weiheng Intelligent Technology Co., Ltd.			
	Firmware version	V1.00			
	Rated power of inverter (P _{NINV})	3600 W	4600 W	5000 W	6000 W

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Characteristics of the Storage System (SdA)				
Section E	Representative Combination	WH-SHC362 with 2-4 pieces HV9637	WH-SHC462 with 2-4 pieces HV9637	WH-SHC502 with 2 pieces HV9637
	Psn (nominal discharge power)	3600 W	4600 W	5000 W
	Pcn (nominal charging power)	3600 W	4600 W	4700 W
	Psmax (max. discharge power)	3600 W	4600 W	5000 W
	Pcmax (max. charging power)	3600 W	4600 W	4700 W
	Representative Combination	WH-SHC602 with 2 pieces HV9637	WH-SHC502 with 3-4 pieces HV9637	WH-SHC602 with 3-4 pieces HV9637
	Psn (nominal discharge power)	6000 W	5000 W	6000 W
	Pcn (nominal charging power)	4700 W	5000 W	6000 W
	Psmax (max. discharge power)	6000 W	5000 W	6000 W
	Pcmax (max. charging power)	4700 W	5000 W	6000 W
Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional			
Batteries that can be used with the above static converters				
Brand	Daqin New Energy Tech (Taizhou) Co., Ltd.			
Technology	Li-Ion			
Models	HV9637			
CUS module (kWh)	3.55			
BMS firmware version	V0102			
Number of modules	2-4 pieces			
Note	Battery energy storage system consists of 2-4 pieces of modules of HV9637.			

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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	<input checked="" type="checkbox"/> Tests performed by an accredited laboratory
	Test Reports (RdP)	1) Test report according to Annex A & Bbis: 70.409.22.344.28-00	1) EMC test report: a) 4861922269900; b) J23-153-WT-02
	Issued by	Testing lab: 1) Jiangsu Weiheng Intelligent Technology Co.,Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH	Testing lab: a) TÜV SÜD Certification and Testing (China) Co., Ltd. b) Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co.,Ltd.
	Accreditation No.	D-ZE-11321-01-00	a) CNAS L2282 b) CNAS L0130
	Accreditation body ref.	DAKKS	CNAS
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	