

Compliance Document

No. D 117109 0013 Rev. 00

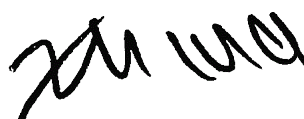
Holder of Certificate: **Jiangsu Weiheng Intelligent Technology Co., Ltd.**
Sheng Xiang, Yaxi Community, Luoshe Town, Huishan District
214000 Wuxi, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Battery Energy Storage 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.: 704092234422-00

Date, 2022-09-28



(Zhengdong Ma)

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Model(s): WH-SPHA3.6H-5.12kWh, WH-SPHA3.6H-10.24kWh,
 WH-SPHA4.6H-5.12kWh, WH-SPHA4.6H-10.24kWh,
 WH-SPHA5.0H-5.12kWh, WH-SPHA5.0H-10.24kWh,
 WH-SPHA6.0H-5.12kWh, WH-SPHA6.0H-10.24kWh

Parameters:

		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	Battery Energy Storage 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-SPHA3.6H-5.12kWh / WH-SPHA3.6H-10.24kWh	WH-SPHA4.6H-5.12kWh / WH-SPHA4.6H-10.24kWh	WH-SPHA5.0H-5.12kWh / WH-SPHA5.0H-10.24kWh	WH-SPHA6.0H-5.12kWh / WH-SPHA6.0H-10.24kWh
	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 I _{dc} 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			

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Section B	Characteristics of the interface protection system				
	Manufacturer	Jiangsu Weiheng Intelligent Technology Co.,Ltd.			
	Model	WH- SPHA3.6H- 5.12kWh / WH- SPHA3.6H- 10.24kWh	WH- SPHA4.6H- 5.12kWh / WH- SPHA4.6H- 10.24kWh	WH- SPHA5.0H- 5.12kWh / WH- SPHA5.0H- 10.24kWh	WH- SPHA6.0H- 5.12kWh / WH- SPHA6.0H- 10.24kWh
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated			
Section C	Characteristics of inverter(s)				
	Model of inverter	WH- SPHA3.6H- 5.12kWh / WH- SPHA3.6H- 10.24kWh	WH- SPHA4.6H- 5.12kWh / WH- SPHA4.6H- 10.24kWh	WH- SPHA5.0H- 5.12kWh / WH- SPHA5.0H- 10.24kWh	WH- SPHA6.0H- 5.12kWh / WH- SPHA6.0H- 10.24kWh
	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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Section E	Characteristics of the Storage System (SdA)						
	Model	WH-SPHA3.6H -5.12kWh / WH-SPHA3.6H -10.24kWh	WH-SPHA4.6H -5.12kWh / WH-SPHA4.6H -10.24kWh	WH-SPHA5.0H -5.12kWh / WH-SPHA5.0H -10.24kWh	WH-SPHA6.0H -5.12kWh	WH-SPHA6.0H -10.24kWh	
	Psn (nominal discharge power)	3600 W	4600 W	5000 W	5100 W	6000 W	
	Pcn (nominal charging power)	3600 W	4600 W	5000 W	5700 W	6000 W	
	Psmax (max. discharge power)	3600 W	4600 W	5000 W	5100 W	6000 W	
	Pcmax (max. charging power)	3600 W	4600 W	5000 W	5700 W	6000 W	
	Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional					
	Batteries that can be used with the above inverters						
	Brand	eCACTUS					
	Technology	Li-Ion					
	Models	WH-BXB5.12			WH-BXB10.24		
	CUS module (kWh)	5.12			5.12		
	BMS firmware version	V1.00					
	Number of modules	1			2		
	Note	Storage battery system WH-BXB10.24 consists of two modules of WH-BXB5.12.					

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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: 70.409.22.344.22-00;	1) EMC test report: a) 4861922271200; b) WPHE221827
	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: 1) -a) TÜV SÜD Certification and Testing (China) Co., Ltd. 1) -b) Suzhou Institute of Product Quality Supervision and Inspection
	Accreditation No.	D-ZE-11321-01-00	1) -a) CNAS L2282 1) -b) CNAS L0267
	Accreditation body reference.	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	

Tested according to:

CEI 0-21:2022