



Product Service

Compliance Document

No. D 115067 0046 Rev. 00

Holder of Certificate: **Xiamen Kehua Digital Energy
Tech Co., Ltd.**

Room 208-38, Hengye Building
No. 100 Xiangxing Road
Torch High-tech Zone
(Xiang'an) Industrial Zone
361115 Xiamen
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.: 704092225108-00

Date, 2022-11-28

(Zhengdong Ma)

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Section B	Characteristics of the interface protection system			
	Manufacturer	Xiamen Kehua Digital Energy Tech Co., Ltd.		
	Model	iStoragE 3600, iStoragE 5000, iStoragE 6000, iStoragE 3600E, iStoragE 5000E, iStoragE 6000E, iStoragE1 3600, iStoragE1 5000, iStoragE1 6000		
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated		
Section C	Characteristics of inverter(s)			
	Model of inverter	iStoragE 3600, iStoragE 3600E, iStoragE1 3600	iStoragE 5000, iStoragE 5000E, iStoragE1 5000	iStoragE 6000, iStoragE 6000E, iStoragE1 6000
	Manufacturer of inverter	Xiamen Kehua Digital Energy Tech Co., Ltd.		
	Firmware version	See the test report.		
	Rated power of inverter (P _{NINV})	3600 W	5000 W	6000 W

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		Characteristics of the Storage System (SdA)				
Section E	Representative Combination	iStoragE 3600, iStoragE 3600E, iStoragE1 3600 with iStoragE B5-S1 (1-8 pieces)	iStoragE 5000, iStoragE 5000E, iStoragE1 5000/ iStoragE 6000, iStoragE 6000E, iStoragE1 6000 with iStoragE B5-S1 (1 piece)	iStoragE 5000, iStoragE 5000E, iStoragE1 5000 with iStoragE B5-S1 (2-8 pieces)	iStoragE 6000, iStoragE 6000E, iStoragE1 6000 with iStoragE B5-S1 (2-8 pieces)	
	Psn (nominal discharge power)	3600 W	4000 W	5000 W	6000 W	
	Pcn (nominal charging power)	3600 W	4000 W	5000 W	6000 W	
	Psmax (max. discharge power)	3600 W	4000 W	5000 W	6000 W	
	Pcmx (max. charging power)	3600 W	4000 W	5000 W	6000 W	
	Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional				
	Batteries that can be used with the above inverters					
	Brand	KEHUA TECH				
	Technology	Li-Ion				
	Models	iStoragE B5-S1				
CUS module (kWh)	5.0					
BMS firmware version	V2					
Number of modules	1-8 pieces					
Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with KEHUA TECH instruction.					

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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, Annex B & Bbis: 70.409.21.096.11-00; Annex Bbis: 70.409.22.251.08-00;	2) Test report EMC: a) 64772213079702 b) C21-495-WT
	Issued by	Testing lab: 1) KEHUA DATA CO., LTD. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH	Testing lab: 2) -a) TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch 2) -b) Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.
	Accreditation No.	D-ZE-11321-01-00	2) -a) CNAS L3584 2) -b) CNAS L0130
	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