

# Compliance Document

No. D 086470 0161 Rev. 00

**Holder of Certificate:** **Ginlong Technologies Co., Ltd.**

No.57 Jintong Road  
Binhai Industrial Park, Xiangshan  
315712 Ningbo, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

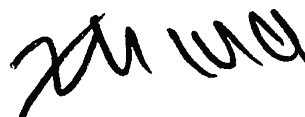
**Product:**

**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092304882-00

**Date,** 2023-10-31



( Zhengdong Ma )



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**Model(s):** Grid-interactive inverter: S6-EA1P3K-L, S6-EA1P3.6K-L,  
S6-EA1P4.6K-L, S6-EA1P5K-L,  
S6-EA1P6K-L  
Storage battery system: US5000, US5000-B

**Parameters:**  
Please see pages 3 to 4.

**Tested according to:** CEI 0-21:2022/V1:2022

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The following generators meet the requirements of CEI 0-21:2022/V1:2022						
Section A	Manufacturer	Ginlong Technologies Co., Ltd. No.57 Jintong Road, Binhai Industrial Park, Xiangshan, 315712 Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA				
	Equipment type	Grid-interactive inverter with storage battery system				
	Brand	Solis				
	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: Note:				
	Generator model	S6-EA1P3K-L	S6-EA1P3.6K-L	S6-EA1P4.6K-L	S6-EA1P5K-L	S6-EA1P6K-L
	Rated power	3000 W / 3000 VA	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	Ginlong Technologies Co., Ltd.				
	Model	S6-EA1P3K-L, S6-EA1P3.6K-L, S6-EA1P4.6K-L, S6-EA1P5K-L, S6-EA1P6K-L				
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated				
Section C	Characteristics of inverter(s)					
	Model of inverter	S6-EA1P3K-L	S6-EA1P3.6K-L	S6-EA1P4.6K-L	S6-EA1P5K-L	S6-EA1P6K-L
	Manufacturer of inverter	Ginlong Technologies Co., Ltd.				
	Firmware version	A1				
	Rated power of inverter (PNINV)	3000 W	3600 W	4600 W	5000 W	6000 W
Section E	Characteristics of the Storage System (SdA)					
	Representative Combination	S6-EA1P3K-L with US5000 or US5000-B (1~16 piece)	S6-EA1P3.6K-L with US5000 or US5000-B (1~16 piece)	S6-EA1PxK-L (x=4,6,5, 6) with US5000 or US5000-B (1piece)	S6-EA1P4.6K-L with US5000 or US5000-B (2~16 piece)	
	Psn (nominal discharge power)	2800	3450	3600	4600	
	Pcn (nominal charging power)	3000	3600	4350	4600	
	Psmax (max. discharge power)	2800	3450	3600	4600	
	Pcmax (max. charging power)	3000	3600	4350	4600	

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	Representative Combination	S6-EA1P5K-L with US5000 or US5000-B (2~16 piece)	S6-EA1P6K-L with US5000 or US5000-B (2~16 piece)		
	Psn (nominal discharge power)	4800	5700		
	Pcn (nominal charging power)	5000	6000		
	Psmax (max. discharge power)	4800	5700		
	Pcmax (max. charging power)	5000	6000		
	Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional			
	Batteries that can be used with the above static converters				
	Brand	PYLONTECH			
	Technology	Li-Ion			
	Models	US5000, US5000-B			
	CUS module (kWh)	4.8			
	BMS firmware version	US5000_MMCB_U150			
	Number of modules	1-16 pieces			
	Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with Pylon 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: 704092304803-00, 704092304830-00 & 704092304882-00			
	Issued by	Testing lab: Ginlong Technologies Co., Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH			
	Accreditation No.	D-ZE-11321-01-00			
	Accreditation body ref.	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			