



Product Service

Attestation of Conformity

No. T8A 086470 0142 Rev. 00

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

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

Product: **PV inverter**
Hybrid Inverter

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 4840923251300

Date, 2023-06-07


(Ming Gu)

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Model(s): S6-EH1P3K-L-PRO, S6-EH1P3.6K-L-PRO,
S6-EH1P5K-L-PRO, S6-EH1P6K-L-PRO,
S6-EH1P8K-L-PRO

Parameters:

Model	S6-EH1P3K-L-PRO	S6-EH1P3.6K-L-PRO	S6-EH1P5K-L-PRO
PV-Input			
Max. input voltage d.c.	600 V		
Mppt voltage range d.c.	90-520 V		
Max. input current d.c.	2x16 A		
Isc PV(absolute maximum) d.c.	2x24 A		
Battery			
Battery type	Li-ion/Lead-acid		
Battery Voltage range d.c.	40-60V		
Max. Charge/discharge current d.c.	70A /70A	80A /80A	112A /112A
AC-Output(Back-up)			
Max. output power a.c.	3300W	4000W	5500W
Rated output voltage a.c.	L/N/PE,220V/230V	L/N/PE,220V/230V	L/N/PE,220V/230V
Frequency	50/60Hz	50/60Hz	50/60Hz
Max. output current a.c.	15A	20A	25A
AC-Output(Grid side)			
Max. Apparent output power a.c.	3300VA	4400VA	5500VA
Rated output voltage a.c.	L/N/PE,220V/230V	L/N/PE,220V/230V	L/N/PE,220V/230V
Frequency	50/60Hz	50/60Hz	50/60Hz
Max. output current a.c.	15A	20A	25A
Power Factor	-0.8...1...+ 0.8		
Protective class	I		
Ingress protection	IP66		
Ambient temperature	-40...+60°C		
AC-Input			
Rated Voltage a.c.	220V/230V		
Current(maximum continuous)	20.0A	25.0A	32A
Rated Frequency	50/60Hz		

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Model	S6-EH1P6K-L-PRO	S6-EH1P8K-L-PRO
PV-Input		
Max. input voltage d.c.	600 V	
Mppt voltage range d.c.	90-520 V	
Max. input current d.c.	2x16 A	32+20A
Isc PV(absolute maximum) d.c.	2x24 A	36+30A
Battery		
Battery type	Li-ion/Lead-acid	
Battery Voltage range d.c.	40-60V	
Max. Charge/discharge current d.c.	135A /135A	190A /190A
AC-Output(Back-up)		
Max. output power a.c.	6600W	8800W
Rated output voltage a.c.	L/N/PE,220V/230V	L/N/PE,220V/230V
Frequency	50/60Hz	50/60Hz
Max. output current a.c.	30A	40A
AC-Output(Grid side)		
Max. Apparent output power a.c.	6600VA	8800VA
Rated output voltage a.c.	L/N/PE,220V/230V	L/N/PE,220V/230V
Frequency	50/60Hz	50/60Hz
Max. output current a.c.	30A	40A
Power Factor	-0.8...1...+ 0.8	
Protective class	I	
Ingress protection	IP66	
Ambient temperature	-40...+60°C	
AC-Input		
Rated Voltage a.c.	220V/230V	
Current(maximum continuous)	40.0A	50.0A
Rated Frequency	50/60Hz	

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Test report No.: 4840923251300A (EN IEC 61000-6-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 61000-6-4, EN 55011)
4840923251300B (EN 301 489-1, Draft EN 301 489-17)
4840923251300C (EN 300 328, EN 50663)
4840923251300D (EN 300 328, EN 50663)
704092304832-00 (EN 62109-1, EN 62109-2)

**Tested
according to:**

EN IEC 61000-6-1:2019
EN IEC 61000-6-2:2019
EN IEC 61000-6-3:2021
EN IEC 61000-6-4:2019
EN 55011:2016/A2:2021
EN 301 489-1 V2.2.3:2019
Draft EN 301 489-17 V3.2.5:2022
EN 300 328 V2.2.2:2019
EN 50663:2017
EN 62109-1:2010
EN 62109-2:2011

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