



Product Service

Attestation of Conformity

No. T8A 086470 0159 Rev. 01**Holder of Attestation: Ginlong Technologies Co., Ltd.**

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

**Product: Converter
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.: 4840923316401**Date,** 2024-07-01
(Ming Gu)

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Model(s):

**S6-EH1P3K-L-PLUS, S6-EH1P3.6K-L-PLUS,
S6-EH1P4.6K-L-PLUS, S6-EH1P5K-L-PLUS,
S6-EH1P6K-L-PLUS, S6-EH1P8K-L-PLUS**

Parameters:

Test report No.:

4840924302601A (EN IEC 61000-6-1, EN IEC 61000-6-2,
EN IEC 61000-6-3, EN IEC 61000-6-4, EN 55011, EN 62920)
4840924302601B (EN 301 489-1, Draft EN 301 489-17)
4840924302601C (EN 300 328, EN 50663)
50409230013198-01 (EN 62109-1, EN 62109-2)

Model	S6-EH1P3K-L-PLUS	S6-EH1P3.6K-L-PLUS	S6-EH1P4.6K-L-PLUS
PV-Input			
Max. input voltage d.c.	500 V		
Mppt voltage range d.c.	90-435 V		
Max. input current d.c.	2x16 A		
Isc PV (absolute maximum) d.c.	2x20 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	105A /105A
AC-Output (Back-up)			
Max. /Rated output power a.c.	3000W	3600W	4600W
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	13.7A/13.1A	16.4A/15.7A	20.9A/20A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	3000VA	3600VA	4600VA
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	13.7A/13.1A	16.4A/15.7A	20.9A/20A
Power factor range	-0.8...1...+ 0.8		
Protective class	I		
Ingress protection	IP66		
Ambient temperature	-40...+60°C		
AC-Input (For grid port and Gen port)			
Nominal voltage a.c.	1/N/PE, 220V/230V		
Max. /Rated continuous current	21A/20A	25A/24A	29A/28A
Nominal Frequency	50/60Hz		

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Model	S6-EH1P5K-L-PLUS	S6-EH1P6K-L-PLUS	S6-EH1P8K-L-PLUS
PV-Input			
Max. input voltage d.c.	500 V	500 V	500 V
Mppt voltage range d.c.	90-435 V	90-435 V	90-435 V
Max. input current d.c.	2x16 A	2x16 A	2x32 A
Isc PV (absolute maximum) d.c.	2x20 A	2x20 A	2x40 A
Battery			
Battery type	Li-ion/Lead-acid		
Battery Voltage range d.c.	40-60V		
Max. Charge/discharge current d.c.	112A /112A	135A /135A	190A /190A
AC-Output (Back-up)			
Max. /Rated output power a.c.	5000W	6000W	8000W
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	22.8A/21.8A	27.3A/26.1A	36.4A/34.8A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	5000VA	6000VA	8000VA
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	22.8A/21.8A	27.3A/26.1A	36.4A/34.8A
Power factor range	-0.8...1...+ 0.8		
Protective class	I		
Ingress protection	IP66		
Ambient temperature	-40...+60°C		
AC-Input (For grid port and Gen port)			
Nominal voltage a.c.	1/N/PE, 220V/230V		
Max. /Rated continuous current	32A/31A	40A/39A	50A/50A
Nominal Frequency	50/60Hz		

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**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 62920:2017/A1:2021
 EN 301 489-1 V2.2.3:2019
 Draft EN 301 489-17 V3.2.6:2023
 EN 300 328 V2.2.2:2019
 EN 50663:2017
 EN 62109-1:2010
 EN 62109-2:2011

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