



Product Service

Attestation of Conformity

No. T8A 086470 0196 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: **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.: 4840923357300

Date, 2024-06-11



(Ming Gu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): S6-EH1P9.9K03-NV-YD-L, S6-EH1P12K03-NV-YD-L, S6-EH1P14K03-NV-YD-L, S6-EH1P16K03-NV-YD-L

Parameters:

refer to page 3

Test report No.:

4840923357300A (EN IEC 61000-6-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 61000-6-4, EN 55011, EN 62920)
 4840923357300B (EN 301 489-1, Draft EN 301 489-17)
 4840923357300C (EN 300 328, EN 50663)
 50409230013278-00 (EN 62109-1, EN 62109-2)

Model	S6-EH1P9.9K03-NV-YD-L	S6-EH1P12K03-NV-YD-L
PV-Input		
Max. input voltage d.c.	550 V	
Mpvt voltage range d.c.	80-520 V	
Max. input current d.c.	3x40 A	3x40 A
Isc PV (absolute maximum) d.c.	3x50 A	3x50 A
Battery		
Battery type	Li-ion/Lead-acid	
Battery Voltage range d.c.	40-60V	
Max. Charge/discharge current d.c.	208A /208A	250A /250A
AC-Output (Back-up)		
Max. /Rated output power a.c.	9900W	12000W
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz
Max. /Rated output current a.c.	45A/43.1A	54.5A/52.2A
AC-Output (Grid side)		
Max. /Rated apparent output power a.c.	9900VA	12000VA
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz
Max. /Rated output current a.c.	45A/43.1A	54.5A/52.2A
Power factor range	-0.8...1...+ 0.8	
Protective class	I	
Ingress protection	IP66	
Ambient temperature	-25...+60°C	
AC-Input (For grid port and Gen port)		
Nominal voltage a.c.	1/N/PE,220V/230V	
Grid Max. /Rated continuous current	67.5A/64.5A	81.8A/78.3A
Gen Max. /Rated continuous current	45A/43.1A	54.5A/52.2A

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Nominal Frequency	50/60Hz	
Model	S6-EH1P14K03-NV-YD-L	S6-EH1P16K03-NV-YD-L
PV-Input		
Max. input voltage d.c.	550 V	
Mppt voltage range d.c.	80-520 V	
Max. input current d.c.	3x40 A	3x40 A
Isc PV (absolute maximum) d.c.	3x50 A	3x50 A
Battery		
Battery type	Li-ion/Lead-acid	
Battery Voltage range d.c.	40-60V	
Max. Charge/discharge current d.c.	290A /290A	290A /290A
AC-Output (Back-up)		
Max. /Rated output power a.c.	14000W	16000W
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz
Max. /Rated output current a.c.	63.6A/60.9A	72.7A/69.6A
AC-Output (Grid side)		
Max. /Rated apparent output power a.c.	14000VA	16000VA
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal Frequency	50/60Hz	50/60Hz
Max. /Rated output current a.c.	63.6A/60.9A	72.7A/69.6A
Power factor range	-0.8...1...+ 0.8	
Protective class	I	
Ingress protection	IP66	
Ambient temperature	-25...+60°C	
AC-Input (For grid port and Gen port)		
Nominal voltage a.c.	1/N/PE,220V/230V	
Grid Max. /Rated continuous current	95.5A/91.3A	109.1A/104.3A
Gen Max. /Rated continuous current	63.6A/60.9A	72.7A/69.6A
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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