



Product Service

Attestation of Conformity

No. T8A 086470 0188 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.: 4840923339900

Date, 2024-04-17



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Model(s): S6-EH3P29.9K-H, S6-EH3P30K-H, S6-EH3P30K-H-LV,
S6-EH3P37.5K-H, S6-EH3P40K-H, S6-EH3P50K-H

Parameters:

Model	S6-EH3P29.9K-H	S6-EH3P30K-H	S6-EH3P30K-H-LV
PV input			
Max. input voltage d.c.	1000 V		
MPPT voltage range d.c.	150-850 V		
Max. input current d.c.	3x40 A		
Isc PV (absolute maximum) d.c.	3x60 A		
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	150-800V		
Max. Charge/discharge current d.c.	2x70 A /2x70 A	2x70 A /2x70 A	2x70 A /2x70 A
AC-Output (Back-up)			
Max. (Rated) output power	29900W	30000W	30000W
Nominal output voltage a.c.	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 127V/220V 3/N/PE, 133V/230V
Nominal Frequency	50/60Hz		
Max. (rated) output current a.c.	45.4A/43.2A	45.6A/43.3A	78.7A/75.3A
AC-Output (Grid side)			
Max. (Rated) apparent output power a.c.	29900VA	30000VA	30000VA
Nominal output voltage a.c.	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 127V/220V 3/N/PE, 133V/230V
Nominal Frequency	50/60Hz		
Max. (Rated) output current a.c.	45.4A/43.2A	45.6A/43.3A	78.7A/75.3A
AC-Input (For grid port and Gen port)			
Nominal voltage a.c.	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 127V/220V 3/N/PE, 133V/230V
Grid Max. (rated)	90.8A/86.4A	91.2A/86.6A	152.0A/152.0A

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continuous current a.c.			
Gen Max. (rated) continuous current a.c.	45.4A/43.2A	45.6A/43.3A	78.7A/75.3A
Nominal Frequency	50/60Hz		

Model	S6-EH3P37.5K-H	S6-EH3P40K-H	S6-EH3P50K-H
PV-Input			
Max. input voltage d.c.	1000 V		
MPPT voltage range d.c.	150-850 V		
Max. input current d.c.	4x40 A		
Isc PV (absolute maximum) d.c.	4x60 A		
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	150-800V		
Max. Charge/discharge current d.c.	2x70 A /2x70 A	2x70 A /2x70 A	2x70 A /2x70 A
AC-Output (Back-up)			
Max. (Rated) output power	37500W	40000W	50000W
Nominal output voltage a.c.	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V
Nominal Frequency	50/60Hz		
Max. (rated) output current a.c.	57.0A/54.1A	60.8A/57.7A	76.0A/72.2A
AC-Output (Grid side)			
Max. (Rated) apparent output power a.c.	37500VA	40000VA	50000VA
Nominal output voltage a.c.	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V	3/N/PE, 220V/380V 3/N/PE, 230V/400V
Nominal Frequency	50/60Hz		
Max. (Rated) output current a.c.	57.0A/54.1A	60.8A/57.7A	76.0A/72.2A
AC-Input (For grid port and Gen port)			
Nominal voltage	3/N/PE, 220V/380V		

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a.c.	3/N/PE, 230V/400V		
Grid Max. (rated) continuous current a.c.	114.0A/108.2A	121.6A/115.4A	152.0A/144.4A
Gen Max. (rated) continuous current a.c.	57.0A/54.1A	60.8A/57.7A	76.0A/72.2A
Nominal Frequency	50/60Hz		

General	
Power factor range	-0.8...1...+ 0.8
Protective class	I
Ingress protection	IP66
Ambient temperature	-25...+60°C

Test report No.:

- 4840923339900A (EN IEC 61000-6-2, EN IEC 61000-6-4, EN 55011, EN 62920)
- 4840923339900B (EN 301 489-1, Draft EN 301 489-17)
- 4840923339900C (EN 300 328, EN 50663)
- 50409230013241-00 (EN 62109-1, EN 62109-2)

Tested according to:

- EN IEC 61000-6-2:2019
- 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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