



Product Service

Attestation of Conformity

No. T8A 086470 0174 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.: 4840923336701

Date, 2024-08-05



(Ming Gu)

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Model(s): S6-EH3P20K-ND-H, S6-EH3P15K-ND-H,
S6-EH3P12K-ND-H, S6-EH3P12K-LV-ND-H,
S6-EH3P10K-LV-ND-H, S6-EH3P8K-LV-ND-H,
S6-EH3P20K-H, S6-EH3P15K-H,
S6-EH3P12K-H, S6-EH3P12K-LV-H,
S6-EH3P10K-LV-H, S6-EH3P8K-LV-H

Parameters:

Parameters: refer to page 3
Test report No.: 4840923336701A (EN IEC 61000-6-1, EN IEC 61000-6-2,
EN IEC 61000-6-3, EN IEC 61000-6-4, EN 55011, EN 62920)
4840923336701B (EN 301 489-1, Draft EN 301 489-17)
4840923336701C (EN 300 328, EN 50663)
50409230013224-01 (EN 62109-1, EN 62109-2)

Model	S6-EH3P12K-H	S6-EH3P15K-H	S6-EH3P20K-H
PV-Input			
Max. input voltage d.c.	1000 V		
Mpvt voltage range d.c.	200-850 V		
Max. input current d.c.	4x20A		
Isc PV (absolute maximum) d.c.	4x30 A		
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	120-800V		
Max. Charge/discharge current d.c.	50A/50A	50A/50A	50A/50A
AC-Output (Back-up)			
Max. /Rated output power a.c.	12000W	15000W	20000W
Nominal output voltage a.c.	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	12000W	15000W	20000W
Nominal output voltage a.c.	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
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.	3/N/PE, 380 V / 400 V		
Grid max.(rated) continuous current	27.3 A/26.0 A	34.2 A/32.5 A	45.6 A/43.3 A
Gen max.(rated) continuous current	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
Nominal Frequency	50/60Hz		

Model	S6-EH3P8K-LV-H	S6-EH3P10K-LV-H	S6-EH3P12K-LV-H
PV-Input			
Max. input voltage d.c.	1000 V		
Mpvt voltage range d.c.	200-850 V		
Max. input current d.c.	4x16A	4x16A	4x20A

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Isc PV (absolute maximum) d.c.	4x24 A	4x24 A	4x30 A
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	120-800V		
Max. Charge/discharge current d.c.	50A/50A	50A/50A	50A/50A
AC-Output (Back-up)			
Max. /Rated output power a.c.	8000W	10000W	12000W
Nominal output voltage a.c.	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	20.1 A	25.1 A	30.1A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	8000W	10000W	12000W
Nominal output voltage a.c.	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	20.1 A	25.1 A	30.1A
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.	3/N/PE, 230 V		
Grid max.(rated) continuous current	30.1 A	37.7 A	45.2 A
Gen max.(rated) continuous current	20.1 A	25.1 A	30.1 A
Nominal Frequency	50/60Hz		

Model	S6-EH3P12K-ND-H	S6-EH3P15K-ND-H	S6-EH3P20K-ND-H
PV-Input			
Max. input voltage d.c.	1000 V		
Mppt voltage range d.c.	200-850 V		
Max. input current d.c.	4x20A		
Isc PV (absolute maximum) d.c.	4x30 A		
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	120-800V		
Max. Charge/discharge current d.c.	50A/50A	50A/50A	50A/50A
AC-Output (Back-up)			
Max. /Rated output power a.c.	12000W	15000W	20000W
Nominal output voltage a.c.	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	12000W	15000W	20000W
Nominal output voltage a.c.	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V	3/N/PE, 380 V / 400 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
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.	3/N/PE, 380 V / 400 V		
Grid max.(rated) continuous current	27.3 A/26.0 A	34.2 A/32.5 A	45.6 A/43.3 A
Gen max.(rated) continuous current	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A

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Nominal Frequency	50/60Hz
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Model	S6-EH3P8K-LV-ND-H	S6-EH3P10K-LV-ND-H	S6-EH3P12K-LV-ND-H
PV-Input			
Max. input voltage d.c.	1000 V		
Mppt voltage range d.c.	200-850 V		
Max. input current d.c.	4x16A	4x16A	4x20A
Isc PV (absolute maximum) d.c.	4x24 A	4x24 A	4x30 A
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	120-800V		
Max. Charge/discharge current d.c.	50A/50A	50A/50A	50A/50A
AC-Output (Back-up)			
Max. /Rated output power a.c.	8000W	10000W	12000W
Nominal output voltage a.c.	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	20.1 A	25.1 A	30.1A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	8000W	10000W	12000W
Nominal output voltage a.c.	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V	3/N/PE, 133 V / 230 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	20.1 A	25.1 A	30.1A
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.	3/N/PE, 133 V / 230 V		
Grid max.(rated) continuous current	30.1 A	37.7 A	45.2 A
Gen max.(rated) continuous current	20.1 A	25.1 A	30.1 A
Nominal Frequency	50/60Hz		

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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