



Product Service

Attestation of Conformity

No. T8A 086470 0188 Rev. 02**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.: 4840923339902**Date,** 2024-12-27

(Ming Gu)

Page 1 of 7

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Product Service

Attestation of Conformity

No. T8A 086470 0188 Rev. 02

Model(s): S6-EH3P29.9K-H, S6-EH3P30K-H, S6-EH3P37.5K-H, S6-EH3P40K-H, S6-EH3P50K-H, S6-EH3P30K-H-LV, S6-EH3P29.9K-H-ND, S6-EH3P30K-H-ND, S6-EH3P40K-H-ND, S6-EH3P49K-H-ND, S6-EH3P50K-H-ND, S6-EH3P30K-H-LV-ND, S6-EH3P15K-H-LV-ND, S6-EH3P20K-H-LV-ND, S6-EH3P25K-H-LV-ND

Parameters:

Test report No.:4840923339902A (EN IEC 61000-6-2, EN IEC 61000-6-4, EN 55011, EN 62920)
4840923339902B (EN 301 489-1, EN 301 489-17)
4840923339902C (EN 300 328, EN 50663)
50409230013241-02 (EN 62109-1, EN 62109-2)

00405200010241-02 (EN 02103-1, EN 02103-2)

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.	2X70A / 2X70A		
AC-Output (Back-up)			
Max. /Rated output power a.c.	29900 W	30000 W	30000 W
Nominal output voltage a.c.	3/N/PE 220/380 V, 3/N/PE 230/400 V	3/N/PE 220/380 V, 3/N/PE 230/400 V	3/N/PE 127/220 V, 3/N/PE 133/230 V
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Max. /Rated output current a.c.	45.4 A / 43.2 A	45.6 A / 43.3 A	78.7 A / 75.3 A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	29900 VA	30000 VA	30000 VA
Nominal output voltage a.c.	3/N/PE 220/380 V, 3/N/PE 230/400 V.	3/N/PE 220/380 V, 3/N/PE 230/400 V.	3/N/PE 127/220 V, 3/N/PE 133/230 V
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	45.4 A / 43.2 A	45.6 A / 43.3 A	78.7 A / 75.3 A

Page 2 of 7

Page 2 of 7

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Product Service

Attestation of Conformity

No. T8A 086470 0188 Rev. 02

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.	3/N/PE 220/380 V, 3/N/PE 230/400 V.	3/N/PE 220/380 V, 3/N/PE 230/400 V.	3/N/PE 127/220 V, 3/N/PE 133/230 V
Grid max.(rated) continuous current	90.8 A / 86.4 A	91.2 A / 86.6 A	152 A / 152 A
Gen max.(rated) continuous current	45.4 A / 43.2 A	45.6 A / 43.3 A	78.7 A / 75.3 A
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.	2X70A / 2X70A		
AC-Output (Back-up)			
Max. /Rated output power a.c.	37500 W	40000 W	50000 W
Nominal output voltage a.c.	3/N/PE 220/380 V, 3/N/PE 230/400 V		
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	57.0 A / 54.1 A	60.8 A / 57.7 A	76.0 A / 72.2 A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	37500 VA	40000 VA	50000 VA
Nominal output voltage a.c.	3/N/PE 220/380 V, 3/N/PE 230/400 V		
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	57.0 A / 54.1 A	60.8 A / 57.7 A	76.0 A / 72.2 A
Power factor range	-0.8...1...+ 0.8		
Protective class	I		

Page 3 of 7

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Attestation of Conformity

No. T8A 086470 0188 Rev. 02

Ingress protection	IP66		
Ambient temperature	-25...+60°C		
AC-Input (For grid port and Gen port)			
Nominal voltage a.c.	3/N/PE 220/380 V 3/N/PE 230/400 V		
Grid max.(rated) continuous current	114.0 A / 108.2 A	121.6 A / 115.4 A	152.0 A / 144.4 A
Gen max.(rated) continuous current	57.0 A / 54.1 A	60.8 A / 57.7 A	76.0 A / 72.2 A
Nominal Frequency	50/60Hz		

Model	S6-EH3P30K-H-ND	S6-EH3P40K-H-ND	S6-EH3P50K-H-ND
PV-Input			
Max. input voltage d.c.	1000 V		
Mppt voltage range d.c.	150-850 V		
Max. input current d.c.	3x40 A	4x40 A	4x40 A
Isc PV (absolute maximum) d.c.	3x60 A	4x60 A	4x60 A
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	150-800V		
Max. Charge/discharge current d.c.	2X70A /2X70A		
AC-Output (Back-up)			
Max. /Rated output power a.c.	30000 W	40000 W	50000 W
Nominal output voltage a.c.	3/N/PE 220/380 V 3/N/PE 230/400 V		
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	45.6 A / 43.3 A	60.8 A / 57.7 A	76.0 A / 72.2 A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	30000 VA	40000 VA	50000 VA
Nominal output voltage a.c.	3/N/PE 220/380 V 3/N/PE 230/400 V		
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	45.6 A / 43.3 A	60.8 A / 57.7 A	76.0 A / 72.2 A
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.	3/N/PE 220/380 V		

Page 4 of 7

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Product Service

Attestation of Conformity

No. T8A 086470 0188 Rev. 02

	3/N/PE 230/400 V		
Grid max.(rated) continuous current	91.2 A / 86.6 A	121.6 A / 115.4 A	152.0 A / 144.4 A
Gen max.(rated) continuous current	45.6 A / 43.3 A	60.8 A / 57.7 A	76.0 A / 72.2 A
Nominal Frequency	50/60Hz		

Model	S6-EH3P15K-H-LV-ND	S6-EH3P20K-H-LV-ND	S6-EH3P25K-H-LV-ND	S6-EH3P30K-H-LV-ND
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.	2X70A / 2X70A			
AC-Output (Back-up)				
Max. /Rated output power a.c.	15000 W	20000 W	25000 W	30000 W
Nominal output voltage a.c.	3/N/PE 127/220 V 3/N/PE 133/230 V			
Nominal Frequency	50/60Hz			
Max. /Rated output current a.c.	39.4 A / 37.7 A	52.5 A / 50.2 A	65.6 A / 62.8 A	78.7 A / 75.3 A
AC-Output (Grid side)				
Max. /Rated apparent output power a.c.	15000 VA	20000 VA	25000 VA	30000 VA
Nominal output voltage a.c.	3/N/PE 127/220 V 3/N/PE 133/230 V			
Nominal Frequency	50/60Hz			
Max. /Rated output current a.c.	39.4 A / 37.7 A	52.5 A / 50.2 A	65.6 A / 62.8 A	78.7 A / 75.3 A
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)				

Page 5 of 7

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Attestation of Conformity

No. T8A 086470 0188 Rev. 02

Nominal voltage a.c.	3/N/PE 127/220 V 3/N/PE 133/230 V			
Grid max.(rated) continuous current	78.8 A / 75.4 A	105 A / 100.4 A	131.2 A / 125.6 A	152 A / 152 A
Gen max.(rated) continuous current	39.4 A / 37.7 A	52.5 A / 50.2 A	65.6 A / 62.8 A	78.7 A / 75.3 A
Nominal Frequency	50/60Hz			

Model	S6-EH3P49K-H-ND	S6-EH3P29.9K-H-ND
PV-Input		
Max. input voltage d.c.	1000 V	
Mppt voltage range d.c.	150-850 V	
Max. input current d.c.	4x40 A	3x40 A
Isc PV (absolute maximum) d.c.	4x60 A	3x60 A
Battery		
Battery type	Li-ion	
Battery Voltage range d.c.	150-800V	
Max. Charge/discharge current d.c.	2X70A / 2X70A	
AC-Output (Back-up)		
Max. /Rated output power a.c.	49000W	29900W
Nominal output voltage a.c.	3/N/PE 220/380 V 3/N/PE 230/400 V	
Nominal Frequency	50/60Hz	
Max. /Rated output current a.c.	74.5 A / 70.7 A	45.4 A / 43.2 A
AC-Output (Grid side)		
Max. /Rated apparent output power a.c.	49000 VA	29900 VA
Nominal output voltage a.c.	3/N/PE 220/380 V 3/N/PE 230/400 V	
Nominal Frequency	50/60Hz	
Max. /Rated output current a.c.	74.5 A / 70.7 A	45.4 A / 43.2 A
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.	3/N/PE 220/380 V 3/N/PE 230/400 V	
Grid max.(rated) continuous current of 7	149 A / 141.4 A	90.8 A / 86.4 A

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Attestation of Conformity

No. T8A 086470 0188 Rev. 02

Gen max.(rated) continuous current	74.5 A / 70.7 A	45.4 A / 43.2 A
Nominal Frequency	50/60Hz	

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
- EN 300 328 V2.2.2:2019
- EN 50663:2017
- EN 62109-1:2010
- EN 62109-2:2011
- EN 301 489-17 V3.3.1:2024