ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. T8B 086470 0270 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 below listed articles in the above-mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the covered requirements of the Article(s) 3.2, 3.3(d) and 3.3(e) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the below listed articles of the Radio Equipment Directive as applicable to this product. For details see: www.tuvsud.com/ps-cert

Test report no.: 4840925313501

Date, 2025-12-29

(Ming Gu)

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Model(s):

S6-EH3P60K10-LV-ND-H, S6-EH3P60K10-LV-YD-H, S6-EH3P75K10-LV-ND-H, S6-EH3P75K10-LV-YD-H, S6-EH3P75K10-NV-YD-H, S6-EH3P80K10-NV-ND-H, S6-EH3P80K10-NV-YD-H, S6-EH3P99.9K10-NV-ND-H, S6-EH3P99.9K10-NV-YD-H, S6-EH3P100K10-NV-ND-H, S6-EH3P100K10-NV-YD-H, S6-EH3P125K10-NV-ND-H, S6-EH3P125K10-NV-YD-H

Parameters:

Test report No.:

Article 3.1(a)	704092514258-01 (EN 62109-1, EN 62109-2) 4840925313501C (EN 50663, EN 62479)
Article 3.1(b)	4840925313501A (EN IEC 61000-6-2, EN IEC 61000-6-4, EN 55011, EN 62920) 4840925313501B (EN 301 489-1, EN 301 489-17)
Article 3.2	4840925313501C (EN 300 328)
Article 3.3(d)	874902504479 (EN 18031-1)

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Model	S6-EH3P60K10-LV-ND-H	S6-EH3P60K10-LV-YD-H	S6-EH3P75K10-LV-ND-H
PV input			
Max. input voltage	1000 Vd.c.		
MPPT voltage range	150, …, 950 Vd.c.		
Max. input current	10x42 Ad.c.	10x42 Ad.c.	10x42 Ad.c.
Isc PV (absolute maximum)	10x60 Ad.c.	10x60 Ad.c.	10x60 Ad.c.
Battery input			
Battery type	Li-ion		
Battery voltage range	300, …, 950 Vd.c.		
Max. charge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
Max. discharge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
AC output (for Grid and Backup)			
Max.(rated) output power	60000 VA	60000 VA	75000 VA
Nominal output voltage	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.
Nominal frequency	50 / 60 Hz		
Max.(rated) output current	157.5 Aa.c.@ 220 Va.c. 150.6 Aa.c.@ 230 Va.c.	157.5 Aa.c.@ 220 Va.c. 150.6 Aa.c.@ 230 Va.c.	196.8 Aa.c.@ 220 Va.c. 188.2 Aa.c.@ 230 Va.c.
AC input (for Grid and Gen)			
Nominal voltage	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.
Grid max.(rated) continuous current	250 Aa.c.@ 220 Va.c. 250 Aa.c.@ 230 Va.c.	250 Aa.c.@ 220 Va.c. 250 Aa.c.@ 230 Va.c.	250 Aa.c.@ 220 Va.c. 250 Aa.c.@ 230 Va.c.
Gen max.(rated) continuous current	157.5 Aa.c.@ 220 Va.c. 150.6 Aa.c.@ 230 Va.c.	157.5 Aa.c.@ 220 Va.c. 150.6 Aa.c.@ 230 Va.c.	196.8 Aa.c.@ 220 Va.c. 188.2 Aa.c.@ 230 Va.c.
Nominal frequency	50 / 60 Hz		
General parameters			
Power factor range	-0.8…1…+0.8		
Protective class	I		
Ingress protection	IP66		
Overvoltage category	II(PV & Battery), III(Grid & Backup & Gen)		

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Operating temperature range	-25 °C…+60 °C
Inverter topology	Non-isolated

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Model	S6-EH3P75K10-LV-YD-H	S6-EH3P75K10-NV-YD-H	S6-EH3P80K10-NV-ND-H
PV input			
Max. input voltage	1000 Vd.c.		
MPPT voltage range	150, …, 950 Vd.c.		
Max. input current	10x42 Ad.c.	10x42 Ad.c.	10x42 Ad.c.
Isc PV (absolute maximum)	10x60 Ad.c.	10x60 Ad.c.	10x60 Ad.c.
Battery input			
Battery type	Li-ion		
Battery voltage range	300, …, 950 Vd.c.		
Max. charge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
Max. discharge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
AC output (for Grid and Backup)			
Max.(rated) output power	75000 VA	75000 VA	80000 VA
Nominal output voltage	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.
Nominal frequency	50 / 60 Hz	60 Hz	50 / 60 Hz
Max.(rated) output current	196.8 Aa.c.@ 220 Va.c. 188.2 Aa.c.@ 230 Va.c.	114.0 Aa.c.@ 220/380 Va.c. 108.3 Aa.c.@ 230/400 Va.c.	121.6 Aa.c.@ 220/380 Va.c. 115.5 Aa.c.@ 230/400 Va.c.
AC input (for Grid and Gen)			
Nominal voltage	3/(N)/PE 220 Va.c. 3/(N)/PE 230 Va.c.	3/N/PE 220/380 Va.c., 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c., 3/N/PE 230/400 Va.c.
Grid max.(rated) continuous current	250 Aa.c.@ 220 Va.c. 250 Aa.c.@ 230 Va.c.	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 230/400 Va.c.	250 Aa.c.@ 220 Va.c. 250 Aa.c.@ 230 Va.c.
Gen max.(rated) continuous current	196.8 Aa.c.@ 220 Va.c. 188.2 Aa.c.@ 230 Va.c.	114.0 Aa.c.@ 220/380 Va.c. 108.3 Aa.c.@ 230/400 Va.c.	121.6 Aa.c.@ 220/380 Va.c. 115.5 Aa.c.@ 230/400 Va.c.
Nominal frequency	50 / 60 Hz	60 Hz	50 / 60 Hz
General parameters			
Power factor range	-0.8…1…+0.8		
Protective class	I		
Ingress protection	IP66		

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Overvoltage category	II(PV & Battery), III(Grid & Backup & Gen)
Operating temperature range	-25 °C…+60 °C
Inverter topology	Non-isolated

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Model	S6-EH3P80K10-NV-YD-H	S6-EH3P99.9K10-NV-ND-H	S6-EH3P99.9K10-NV-YD-H
PV input			
Max. input voltage	1000 Vd.c.		
MPPT voltage range	150, …, 950 Vd.c.		
Max. input current	10x42 Ad.c.	10x42 Ad.c.	10x42 Ad.c.
Isc PV (absolute maximum)	10x60 Ad.c.	10x60 Ad.c.	10x60 Ad.c.
Battery input			
Battery type	Li-ion		
Battery voltage range	300, …, 950 Vd.c.		
Max. charge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
Max. discharge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
AC output (for Grid and Backup)			
Max.(rated) output power	80000 VA	99900 VA	99900 VA
Nominal output voltage	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.
Nominal frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Max.(rated) output current	121.6 Aa.c.@ 220/380 Va.c. 115.5 Aa.c.@ 230/400 Va.c.	151.8 Aa.c.@ 220/380 Va.c. 144.2 Aa.c.@ 230/400 Va.c.	151.8 Aa.c.@ 220/380 Va.c. 144.2 Aa.c.@ 230/400 Va.c.
AC input (for Grid and Gen)			
Nominal voltage	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.
Grid max.(rated) continuous current	250 Aa.c.@ 220 Va.c. 250 Aa.c.@ 230 Va.c.	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 230/400 Va.c.	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 230/400 Va.c.
Gen max.(rated) continuous current	121.6 Aa.c.@ 220/380 Va.c. 115.5 Aa.c.@ 230/400 Va.c.	151.8 Aa.c.@ 220/380 Va.c. 144.2 Aa.c.@ 230/400 Va.c.	151.8 Aa.c.@ 220/380 Va.c. 144.2 Aa.c.@ 230/400 Va.c.
Nominal frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
General parameters			
Power factor range	-0.8…1…+0.8		
Protective class	I		

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Ingress protection	IP66
Overvoltage category	II(PV & Battery), III(Grid & Backup & Gen)
Operating temperature range	-25 °C…+60 °C
Inverter topology	Non-isolated

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Model	S6-EH3P100K10-NV-ND-H	S6-EH3P100K10-NV-YD-H	S6-EH3P125K10-NV-ND-H	S6-EH3P125K10-NV-YD-H
PV input				
Max. input voltage	1000 Vd.c.			
MPPT voltage range	150, …, 950 Vd.c.			
Max. input current	10x42 Ad.c.	10x42 Ad.c.	10x42 Ad.c.	10x42 Ad.c.
Isc PV (absolute maximum)	10x60 Ad.c.	10x60 Ad.c.	10x60 Ad.c.	10x60 Ad.c.
Battery input				
Battery type	Li-ion			
Battery voltage range	300, …, 950 Vd.c.			
Max. charge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
Max. discharge current	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.	2x100 Ad.c.
AC output (for Grid and Backup)				
Max.(rated) output power	100000 VA	100000 VA	125000 VA	125000 VA
Nominal output voltage	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.
Nominal frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Max.(rated) output current	151.9 Aa.c.@ 220/380 Va.c. 144.3 Aa.c.@ 230/400 Va.c.	151.9 Aa.c.@ 220/380 Va.c. 144.3 Aa.c.@ 230/400 Va.c.	189.9 Aa.c.@ 220/380 Va.c. 180.4 Aa.c.@ 230/400 Va.c.	189.9 Aa.c.@ 220/380 Va.c. 180.4 Aa.c.@ 230/400 Va.c.
AC input (for Grid and Gen)				
Nominal voltage	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.
Grid max.(rated) continuous current	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 220/380 Va.c.	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 220/380 Va.c.	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 220/380 Va.c.	250 Aa.c.@ 220/380 Va.c. 250 Aa.c.@ 220/380 Va.c.
Gen max.(rated) continuous current	151.9 Aa.c.@ 220/380 Va.c. 144.3 Aa.c.@ 230/400 Va.c	151.9 Aa.c.@ 220/380 Va.c. 144.3 Aa.c.@ 230/400 Va.c	189.9 Aa.c.@ 220/380 Va.c. 180.4 Aa.c.@ 230/400 Va.c.	189.9 Aa.c.@ 220/380 Va.c. 180.4 Aa.c.@ 230/400 Va.c.
Nominal frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz

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General parameters	
Power factor range	-0.8…1…+0.8
Protective class	I
Ingress protection	IP66
Overvoltage category	II(PV & Battery), III(Grid & Backup & Gen)
Operating temperature range	-25 °C…+60 °C
Inverter topology	Non-isolated

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 301 489-17 V3.3.1:2024
EN 300 328 V2.2.2:2019
EN 50663:2017
EN 62479:2010
EN 62109-1:2010
EN 62109-2:2011
EN 18031-1:2024

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