ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. N8A 086470 0257 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

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: See next pages

Tested according to: EN 62109-1:2010
EN 62109-2:2011

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092514258-00

Date, 2025-08-20

(Kai Zhao)

TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany

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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 (Grid and Backup)			
Max.(rated) output power	60000 VA	60000 VA	71700 VA@ 220 Va.c. 75000 VA@ 230 Va.c.
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.	188.2 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.	188.2 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&BAT), III(Grid, Backup, Gen)		
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 (Grid and Backup)			
Max.(rated) output power	71700 VA@ 220 Va.c. 75000 VA@ 230 Va.c.	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	188.2 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	188.2 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		
Overvoltage category	II(PV&BAT), 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 (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		
Ingress protection	IP66		
Overvoltage category	II(PV&BAT), 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 (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
General parameters				
Power factor range	-0.8…1…+0.8			
Protective class	I			
Ingress protection	IP66			
Overvoltage category	II(PV&BAT), III(Grid, Backup, Gen)			
Operating temperature range	-25 °C…+60 °C			
Inverter topology	Non-isolated			

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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