



Product Service

Attestation of Conformity

No. N8A 086470 0247 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-EH2P5K02-SV-YD-L, S6-EH2P6K02-SV-YD-L,
S6-EH2P7.5K02-SV-YD-L, S6-EH2P8K02-SV-YD-L****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.: 5040925001333-00**Date,** 2025-04-03

(Kai Zhao)

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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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Model name	S6-EH2P5K02-SV-YD-L	S6-EH2P6K02-SV-YD-L	S6-EH2P7.5K02-SV-YD-L	S6-EH2P8K02-SV-YD-L
PV input				
Max. input voltage	500 Vd.c.			
MPPT voltage range	90, ..., 435 Vd.c.			
Max. input current	21+21 Ad.c.	21+42 Ad.c.	42+42 Ad.c.	42+42 Ad.c.
Isc PV (absolute maximum)	24+24 Ad.c.	24+48 Ad.c.	48+48 Ad.c.	48+48 Ad.c.
Battery input				
Battery type	Li-ion / Lead-acid			
Battery voltage range	40, ..., 60 Vd.c.			
Max. voltage	60 Vd.c.			
Max. charge current	112 Ad.c.	135 Ad.c.	190 Ad.c.	190 Ad.c.
Max. discharge current	112 Ad.c.	135 Ad.c.	190 Ad.c.	190 Ad.c.
AC output (Back-up)				
Max. (rated) output power	5000 W	6000 W	7500 W	8000 W
Nominal output voltage	2/N AC 127/220 V			
Nominal frequency	60 Hz			
Max. (rated) output current	22.7 Aa.c.	27.3 Aa.c.	34.1 Aa.c.	36.4 Aa.c.
AC output (Grid side)				
Max. (rated) apparent output power	5500 VA	6600 VA	7500 VA	8800 VA
Nominal output voltage	2/N AC 127/220 V			
Nominal frequency	60 Hz			
Power factor range	-0.8, ..., 1, ..., +0.8			
Max. (rated) output current	25.0 Aa.c.	30.0 Aa.c.	34.1 Aa.c.	40.0 Aa.c.
AC input (for Grid and Gen port)				
Nominal voltage	2/N AC 127/220 V			
Grid max. (rated) continuous current	35.0 Aa.c.	40.0 Aa.c.	50.0 Aa.c.	50.0 Aa.c.
Gen max. (rated) continuous current	22.7 Aa.c.	27.3 Aa.c.	34.1 Aa.c.	36.4 Aa.c.
Nominal frequency	60 Hz			
General parameters				
Protective class	I			
Ingress protection	IP66			
Operating temperature range	-40 °C, ..., +60 °C			

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