



Product Service

Attestation of Conformity

No. N8A 086470 0136 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: **PV inverter**
Hybrid Inverter

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.: 704092304832-00

Date, 2023-05-19


(Zhengdong Ma)

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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.

**TUV®**



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Model(s): S6-EH1P3K-L-PRO, S6-EH1P3.6K-L-PRO,
S6-EH1P5K-L-PRO, S6-EH1P6K-L-PRO, S6-EH1P8K-L-PRO

Parameters:

Models	S6-EH1P3K-L-PRO	S6-EH1P3.6K-L-PRO	S6-EH1P5K-L-PRO
PV input			
Max. input voltage	d.c. 600V	d.c. 600V	d.c. 600V
MPPT voltage range	d.c. 90...520V	d.c. 90...520V	d.c. 90...520V
Max. input current	d.c. 2 x 16A	d.c. 2 x 16A	d.c. 2 x 16A
Isc PV (absolute max.)	d.c. 2 x 24A	d.c. 2 x 24A	d.c. 2 x 24A
Battery			
Battery Type	Li-ion/Lead-acid		
Battery voltage range	d.c. 40...60V	d.c. 40...60V	d.c. 40...60V
Max. charge current	d.c. 70A	d.c. 80A	d.c. 112A
Max. discharge current	d.c. 70A	d.c. 80A	d.c. 112A
AC-Output (Back-up)			
Max. output power	a.c. 3300W	a.c. 4000W	a.c. 5500W
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V		
Rated Frequency	50/60 Hz		
Max. output current	a.c. 15A	a.c. 20A	a.c. 25A
AC-Output (Grid side)			
Max. apparent output power	a.c. 3300VA	a.c. 4000VA	a.c. 5500VA
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V		
Rated Frequency	50/60 Hz		
Max. output current	a.c. 15A	a.c. 20A	a.c. 25A
AC-Input			
Rated voltage	1/N/PE AC 220V 1/N/PE AC 230V		
Current (maximum continuous)	a.c. 20A	a.c. 25A	a.c. 32A
Rated Frequency	50/60 Hz		
General			
Power Factor	0.8(leading)-0.8(lagging)		
Protective Class:	I		
Ingress Protection:	IP66		
Operating Temperature Range:	-40 °C...+60 °C		

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Models	S6-EH1P6K-L-PRO	S6-EH1P8K-L-PRO
PV input		
Max. input voltage	d.c. 600V	d.c. 600V
MPPT voltage range	d.c. 90...520V	d.c. 90...520V
Max. input current	d.c. 2 x 16A	d.c. 32+20A
Isc PV (absolute max.)	d.c. 2 x 24A	d.c. 36+30A
Battery		
Battery Type	Li-ion/Lead-acid	
Battery voltage range	d.c. 40...60V	d.c. 40...60V
Max. charge current	d.c. 135A	d.c. 190A
Max. discharge current	d.c. 135A	d.c. 190A
AC-Output (Back-up)		
Max. output power	a.c. 6600W	a.c. 8800W
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V	
Rated Frequency	50/60 Hz	
Max. output current	a.c. 30A	a.c. 40A
AC-Output (Grid side)		
Max. apparent output power	a.c. 6600VA	a.c. 8800VA
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V	
Rated Frequency	50/60 Hz	
Max. output current	a.c. 30A	a.c. 40A
AC-Input		
Rated voltage	1/N/PE AC 220V 1/N/PE AC 230V	
Current (maximum continuous)	a.c. 40A	a.c. 50A
Rated Frequency	50/60 Hz	
General		
Power Factor	0.8(leading)-0.8(lagging)	
Protective Class:	I	
Ingress Protection:	IP66	
Operating Temperature Range:	-40 °C...+60 °C	

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

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