



Product Service

Attestation of Conformity

No. N8A 086470 0094 Rev. 04

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**
Off-grid 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.: 704092008131-04

Date, 2024-04-24



(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.



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Model(s): S5-EO1P4K-48, S5-EO1P4K-48-P, S5-EO1P5K-48, S5-EO1P5K-48-P, S6-EO1P4K-48, S6-EO1P5K-48, S6-EO1P4K-48-EU, S6-EO1P5K-48-EU, S6-EO1P4K-L, S6-EO1P5K-L

Parameters:

Model	S5-EO1P4K-48, S5-EO1P4K-48-P	S5-EO1P5K-48, S5-EO1P5K-48-P
PV Input		
Max. Input Voltage d.c.	d.c. 500 V	
MPPT Voltage range Voltage d.c.	d.c. 90 V ... 480 V	
Max. input Current d.c.	d.c. 13 A/13 A	
Isc PV (absolute max.) d.c.	d.c. 32 A	
Battery		
Battery Voltage Range d.c.	d.c. 40V ... 60 V	
Max. Charge Current d.c.	d.c. 100 A	
Max. Discharge Current d.c.	d.c. 100 A	
AC-Output (stand-alone)		
Max. Output Power	4 kVA/4 kW	5 kVA/5 kW
Nominal Output Voltage a.c.	1/N/PE AC 230V	
Output Frequency a.c.	50/60 Hz	
Max. Output Current a.c.	a.c. 20 A	a.c. 25 A
AC-Input		
Nominal Input Voltage a.c.	1/N/PE AC 230 V	
Max. Input Continuous Current a.c.	a.c. 26 A	a.c. 30 A
Input Frequency a.c.	50/60 Hz	
Others		
Protective Class	Class I	
Ingress Protection	IP 21	
Overvoltage Category	III (AC), II(DC)	
Operation Temperature Range	-10 °C...60 °C	

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Model	S6-EO1P4K-48 S6-EO1P4K-48-EU	S6-EO1P5K-48 S6-EO1P5K-48-EU
PV Input		
Max. Input Voltage d.c.	d.c. 500 V	
MPPT Voltage range Voltage d.c.	d.c. 90V ... 430 V	
Max. input Current d.c.	d.c. 16 A/16 A	
Isc PV (absolute max.) d.c.	d.c. 40 A	
Battery		
Battery Voltage Range d.c.	d.c. 40V ... 60 V	
Max. Charge Current d.c.	d.c. 100 A	
Max. Discharge Current d.c.	d.c. 100 A	
AC-Output (stand-alone)		
Max. Output Power	4 kVA/4 kW	5 kVA/5 kW
Nominal Output Voltage a.c.	1/N/PE AC 230 V	
Output Frequency a.c.	50/60 Hz	
Max. Output Current a.c.	a.c. 20 A	a.c. 25 A
AC-Input(For grid port and Gen port)		
Nominal Input Voltage a.c.	1/N/PE AC 230 V	
Max. Input Continuous Current a.c.	a.c. 26 A	a.c. 30 A
Input Frequency a.c.	50/60 Hz	
Others		
Protective Class	Class I	
Ingress Protection	IP 21	
Over voltage Category	III (AC), II(DC)	
Operation Temperature Range	-10°C ...60°C	

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No. N8A 086470 0094 Rev. 04

Model	S6-EO1P4K-L	S6-EO1P5K-L
PV Input		
Max. Input Voltage d.c.	d.c. 500 V	
MPPT Voltage range Voltage d.c.	d.c. 90V ... 430 V	
Max. input Current d.c.	d.c. 16 A/16 A	
Isc PV (absolute max.) d.c.	d.c. 40 A	
Battery		
Battery Voltage Range d.c.	d.c. 40V ... 60 V	
Max. Charge Current d.c.	d.c. 100 A	
Max. Discharge Current d.c.	d.c. 100 A	
AC-Output (stand-alone)		
Max. Output Power	4000W	5000W
Nominal Output Voltage a.c.	1/N/PE AC 220 V	
Output Frequency a.c.	60 Hz	
Max. Output Current a.c.	a.c. 20 A	a.c. 25 A
AC-Input(For grid port and Gen port)		
Nominal Input Voltage a.c.	1/N/PE AC 220 V	
Max. Input Continuous Current a.c.	a.c. 26 A	a.c. 30 A
Input Frequency a.c.	60 Hz	
Others		
Protective Class	Class I	
Ingress Protection	IP 21	
Over voltage Category	III (AC), II(DC)	
Operation Temperature Range	-10°C ... 60°C	

**Tested
according to:**

EN 62109-1:2010
EN 62109-2:2011

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