



Product Service

# Attestation of Conformity

No. E8A 086470 0172 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

**Name of Object:** **Converter**  
**Off-grid inverter**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 4840923356700

**Date,** 2023-12-29



( Ming Gu )

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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®**



Product Service

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No. E8A 086470 0172 Rev. 00

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

## Description of Object:

Parameters:

Model	S5-EO1P4K-48, S5-EO1P4K-48-P	S5-EO1P5K-48, S5-EO1P5K-48-P
PV Input		
Max. Input Voltage d.c.	500 V	
MPPT Voltage Range d.c.	90-480 V	
Max. Input Current d.c.	13A/13A	
Isc PV (absolute maximum) d.c.	32A	
Battery		
Battery Voltage Range d.c.	40-60 V	
Max. Charge Current d.c.	100A	
Max. Discharge Current d.c.	100A	
AC-Output (Stand-alone)		
Max. Output Power a.c.	4 kVA/4 kW	5 kVA/5 kW
Nominal Output Voltage a.c.	1/N/PE, AC 230V	
Output Frequency a.c.	50/60Hz	
Max. Output Current a.c.	20A	25A
AC-Input		
Nominal Input Voltage a.c.	1/N/PE, AC 230V	
Max. Input Continuous Current a.c.	26A	30A
Input Frequency a.c.	50/60Hz	
Others		
Protective Class	Class I	
Ingress Protection	IP21	
Overvoltage Category	III (AC), II (DC)	
Ambient Temperature	-10...+60°C	

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Model	S6-EO1P4K-48,	S6-EO1P5K-48
PV Input		
Max. Input Voltage d.c.	500 V	
MPPT Voltage Range d.c.	90-430 V	
Max. Input Current d.c.	16A/16A	
Isc PV (absolute maximum) d.c.	40A	
Battery		
Battery Voltage Range d.c.	40-60 V	
Max. Charge Current d.c.	100A	
Max. Discharge Current d.c.	100A	
AC-Output (Stand-alone)		
Max. Output Power a.c.	4 kVA/4 kW	5 kVA/5 kW
Nominal Output Voltage a.c.	1/N/PE, AC 230V	
Output Frequency a.c.	50/60Hz	
Max. Output Current a.c.	20A	25A
AC-Input		
Nominal Input Voltage a.c.	1/N/PE, AC 230V	
Max. Input Continuous Current a.c.	26A	30A
Input Frequency a.c.	50/60Hz	
Others		
Protective Class	Class I	
Ingress Protection	IP21	
Overvoltage Category	III (AC), II (DC)	
Ambient Temperature	-10...+60°C	

**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

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