

Compliance Document

No. D 086470 0184 Rev. 00

Holder of Certificate: **Ginlong Technologies Co., Ltd.**

No.57 Jintong Road
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315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product:

Converter
Off-grid inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.:

4840924250700

Date,

2024-04-03



(Ming Gu)

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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

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	

Model	S6-EO1P4K-48, S6-EO1P4K-48-EU	S6-EO1P5K-48, S6-EO1P5K-48-EU
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)		

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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)	
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Tested according to:

- EN IEC 61000-6-1:2019
- EN IEC 61000-6-2:2019
- EN IEC 61000-6-3:2021
- EN IEC 61000-6-4:2019
- IEC 61000-3-2:2018/AMD1:2020
- IEC 61000-3-12:2011/AMD1:2021
- IEC 61000-3-3:2013/AMD2:2021
- IEC 61000-3-11:2017
- IEC 62920:2017/A1:2021