

# Compliance Document

No. D 086470 0191 Rev. 00

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

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Binhai Industrial Park, Xiangshan  
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](http://www.tuvsud.com/ps-cert)

**Test report no.:**

4840924274800

**Date,**

2024-05-14



( 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-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.	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-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	

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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-L	S6-EO1P5K-L
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.	4000W	5000W
Nominal Output Voltage a.c.	1/N/PE, AC 220V	
Output Frequency a.c.	60Hz	
Max. Output Current a.c.	20A	25A
AC-Input		
Nominal Input Voltage a.c.	1/N/PE, AC 220V	
Max. Input Continuous Current a.c.	26A	30A
Input Frequency a.c.	60Hz	
Others		
Protective Class	Class I	
Ingress Protection	IP21	
Overvoltage Category	III (AC), II (DC)	
Ambient Temperature	-10...+60°C	

**Tested  
according to:**

IEC 61000-6-2:2016  
IEC 61000-6-4:2018  
CISPR 11:2015/A2:2019  
IEC 62920:2017/A1:2021