



Product Service

CERTIFICATE

No. B 086470 0093 Rev. 00

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

No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

**Converter
Off-grid inverter**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092008131-00

Valid until: 2026-12-05

Date, 2021-12-09

(Zhengdong Ma)

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

Parameters:

	S5-EO1P4K-48, S5-EO1P4K-48-P	S5-EO1P5K-48, S5-EO1P5K-48-P
PV Input		
Max. Input Voltage d.c.	d.c. 500V	
MPPT Voltage range Voltage d.c.	d.c. 90-480V	
Max. Input Current d.c.	d.c. 13A/13A	
Isc PV (absolute max.) d.c.	d.c. 32A	
Battery		
Battery Voltage Range d.c.	d.c. 40-60V	
Max. Charge Current d.c.	d.c. 100A	
Max. Discharge Current d.c.	d.c. 100A	
AC-Output (stand-alone)		
Max. Output Power	4kVA/4kW	5kVA/5kW
Nominal Output Voltage a.c.	a.c. 230V ±1%	
Output Frequency a.c.	50/60Hz ±0.1%	
Max. Output Current a.c.	a.c. 20A	a.c. 25A
AC-Input		
Nominal Input Voltage a.c.	a.c. 230V	
Max. Input Continuous Current a.c.	a.c. 26A	a.c. 30A
Input Frequency a.c.	50/60Hz (auto sensing)	
Others		
Protective Class	Class I	
Ingress Protection	IP21	
Over voltage Category	III (AC), II(PV)	
Operation Temperature Range	-10°C-60°C	

Tested according to: EN 62109-1:2010
IEC 62109-1(ed.1)
EN 62109-2:2011
IEC 62109-2(ed.1)