

Compliance Document

No. D 086470 0160 Rev. 01

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

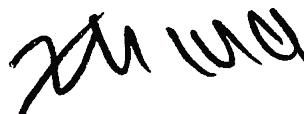
No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Hybrid 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.: 704092304864-01

Date, 2024-07-03



(Zhengdong Ma)

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Model(s):

**S6-EH1P8K-L-PLUS, S6-EH1P6K-L-PLUS,
S6-EH1P5K-L-PLUS, S6-EH1P4.6K-L-PLUS,
S6-EH1P3.6K-L-PLUS, S6-EH1P3K-L-PLUS.**

Parameters:

Model	S6-EH1P8K-L-PLUS	S6-EH1P6K-L-PLUS	S6-EH1P5K-L-PLUS
a) PV inputs:			
Max. input voltage	d.c. 500 V		
MPP voltage range	d.c. 90, ..., 435 V		
Max. input current	d.c. 2x32 A	d.c. 2x16 A	d.c. 2x16 A
Isc PV (absolute maximum)	d.c. 2x40 A	d.c. 2x20 A	d.c. 2x20 A
b) Battery			
Battery type	Li-ion/Lead-acid		
Battery voltage range	d.c. 40, ..., 60 V		
Max. charge/discharge current	d.c. 190 A/190 A	d.c. 135 A/135 A	d.c. 112 A/112 A
c) AC-output (grid side)			
Rated output voltage	1/N/PE ~ 230 V		
Rated output frequency	50 Hz		
Max. /Rated output current	a.c. 34.8 A	a.c. 26.1 A	a.c. 21.8 A
Max. /Rated apparent output power	8000 VA	6000 VA	5000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		

Model	S6-EH1P4.6K-L-PLUS	S6-EH1P3.6K-L-PLUS	S6-EH1P3K-L-PLUS
a) PV inputs:			
Max. input voltage	d.c. 500 V		
MPP voltage range	d.c. 90, ..., 435 V		
Max. input current	d.c. 2x16 A		
Isc PV (absolute maximum)	d.c. 2x20 A		
b) Battery			
Battery type	Li-ion/Lead-acid		
Battery voltage range	d.c. 40, ..., 60 V		
Max. charge/discharge current	d.c. 105 A/105 A	d.c. 80 A/80 A	d.c. 70 A/70 A
c) AC-output (grid side)			
Rated output voltage	1/N/PE ~ 230 V		
Rated output frequency	50 Hz		
Max. /Rated output current	a.c. 20.0 A	a.c. 15.7 A	a.c. 13.1 A
Max. /Rated output power	4600W	3600W	3000W
Displacement factor:	-0.8, ..., 1, ..., +0.8		

Tested

NRS 097-2-1:2024

according to: