



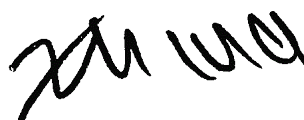
Product Service

Compliance Document

No. D 086470 0173 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**Model(s):** S6-EH1P3K-L-PLUS, S6-EH1P3.6K-L-PLUS,
S6-EH1P5K-L-PLUS, S6-EH1P6K-L-PLUS,
S6-EH1P8K-L-PLUS, S6-EH1P3K-L-PLUS(21A),
S6-EH1P3.6K-L-PLUS(21A), S6-EH1P5K-L-PLUS(21A),
S6-EH1P6K-L-PLUS(21A), S6-EH1P8K-L-PLUS(21A),
S6-EH1P10K-L-PLUS(21A)**Parameters:** See next pages.**Tested according to:** IEC 60068-2-1:2007
IEC 60068-2-2:2007
IEC 60068-2-14:2023
IEC 60068-2-27:2008
IEC 60068-2-30:2005
IEC 60068-2-64:2008
IEC 60068-2-64:2008/AMD1:2019
IEC 61683:1999
EN 50530:2010/A1:2013

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.: 704092304877-01**Date,** 2025-07-29
(Zhengdong Ma)



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

Model	S6-EH1P5K-L-PLUS	S6-EH1P3.6K-L-PLUS	S6-EH1P3K-L-PLUS
a) PV inputs:			
Max. input voltage	DC 500 V		
MPP voltage range	DC 90, ..., 435 V		
Max. input current	DC 2x16 A		
Isc PV (absolute maximum)	DC 2x20 A		
b) Battery			
Battery type	Li-ion/Lead-acid		
Battery voltage range	DC 40, ..., 60 V		
Max. charge/discharge current	DC 112 A/112 A	DC 80 A/80 A	DC 70 A/70 A
c) AC-output (grid side)			
Rated output voltage	1/N/PE AC 230 V		
Rated output frequency	50 Hz		
Max. /Rated output current	AC 21.8 A	AC 15.7 A	AC 13.1 A
Max. /Rated output power	5000 VA	3600W	3000W
Displacement factor:	-0.8, ..., 1, ..., +0.8		

Model	S6-EH1P10K-L-PLUS(21A)	S6-EH1P8K-L-PLUS(21A)	S6-EH1P6K-L-PLUS(21A)
a) PV inputs:			
Max. input voltage	DC 500 V		
MPP voltage range	DC 90, ..., 435 V		
Max. input current	DC 2x42 A	DC 2x21 A	
Isc PV (absolute maximum)	DC 2x48 A	DC 2x24 A	
b) Battery			
Battery type	Li-ion/Lead-acid		
Battery voltage range	DC 40, ..., 60 V		
Max. charge/discharge current	DC 210 A/210 A	DC 190 A/190 A	DC 135 A/135 A
c) AC-output (grid side)			
Rated output voltage	1/N/PE AC 230 V		
Rated output frequency	50 Hz		
Max. /Rated output current	AC 43.5 A	AC 34.8 A	AC 26.1 A
Max. /Rated apparent output power	10000 VA	8000 VA	6000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		



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Model	S6-EH1P5K-L-PLUS(21A)	S6-EH1P3.6K-L-PLUS(21A)	S6-EH1P3K-L-PLUS(21A)
a) PV inputs:			
Max. input voltage	DC 500 V		
MPP voltage range	DC 90, ..., 435 V		
Max. input current	DC 2x21 A		
Isc PV (absolute maximum)	DC 2x24 A		
b) Battery			
Battery type	Li-ion/Lead-acid		
Battery voltage range	DC 40, ..., 60 V		
Max. charge/discharge current	DC 112 A/112 A	DC 80 A/80 A	DC 70 A/70 A
c) AC-output (grid side)			
Rated output voltage	1/N/PE AC 230 V		
Rated output frequency	50 Hz		
Max. /Rated output current	AC 21.8 A	AC 15.7 A	AC 13.1 A
Max. /Rated output power	5000 VA	3600W	3000W
Displacement factor:	-0.8, ..., 1, ..., +0.8		