



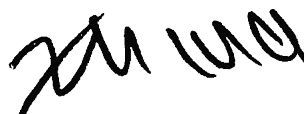
Product Service

Compliance Document

No. D 086470 0162 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-EH1P4.6K-L-PLUS(21A),
S6-EH1P5K-L-PLUS(21A), S6-EH1P6K-L-PLUS(21A),
S6-EH1P8K-L-PLUS(21A), S6-EH1P9K-L-PLUS(21A),
S6-EH1P9.9K-L-PLUS(21A), S6-EH1P10K-L-PLUS(21A).**Parameters:** See next pages.**Tested** IEC 61727:2004
according to: IEC 62116:2014

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.: 704092304876-01**Date,** 2025-07-29
(Zhengdong Ma)



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Model	S6-EH1P10K-L-PLUS(21A)	S6-EH1P9.9K-L-PLUS(21A)	S6-EH1P9K-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		
Isc PV (absolute maximum)	DC 2x48 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 200 A/200 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 43.1 A	AC 39.1 A
Max. /Rated apparent output power	10000 VA	9900 VA	9000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		

Model	S6-EH1P8K-L-PLUS(21A)	S6-EH1P6K-L-PLUS(21A)	S6-EH1P5K-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 190 A/190 A	DC 135 A/135 A	DC 112 A/112 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	AC 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(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 105 A/105 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 20.0 A	AC 15.7 A	AC 13.1 A
Max. /Rated output power	4600W	3600W	3000W
Displacement factor:	-0.8, ..., 1, ..., +0.8		



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Model	S6-EH1P8K-L-PLUS	S6-EH1P6K-L-PLUS	S6-EH1P5K-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	DC 112 A/112 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	AC 21.8 A
Max. /Rated apparent output power	8000 VA	6000 VA	5000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		

Model	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 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 15.7 A	AC 13.1 A
Max. /Rated output power	3600W	3000W
Displacement factor:	-0.8, ..., 1, ..., +0.8	