



Product Service

Compliance Document

No. D 086470 0180 Rev. 02

Holder of Attestation: **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-EH3P29.9K-H, S6-EH3P30K-H,
S6-EH3P40K-H, S6-EH3P50K-H,
S6-EH3P29.9K-H(21A), S6-EH3P30K-H(21A),
S6-EH3P40K-H(21A), S6-EH3P50K-H(21A), S6-EH3P60K-
H(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 particular sample. This compliance document makes no statement regarding the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092304896-02**Date,** 2025-09-25

(Zhengdong Ma)



Compliance Document

No. D 086470 0180 Rev. 02

Model	S6-EH3P29.9K-H	S6-EH3P30K-H	S6-EH3P40K-H
1) PV input			
Max. input voltage	DC 1000 V		
MPPT voltage range	DC 150, ..., 850 V		
Max. input current	DC 3x40A	DC 4x40A	
Isc PV (absolute maximum)	DC 3x60A	DC 4x60A	
2) Battery input			
Battery type	Li-ion		
Battery voltage range	DC 150, ..., 800 V		
Max. charge current:	DC 2x70 A		
Max. discharge current:	DC 2x70 A		
3) AC-output (Grid side)			
Rated output voltage:	3/N/PE AC 230/400 V		
Rated output frequency:	50 Hz		
Max. (Rated) output current:	AC 43.2A	AC 43.3A	AC 57.7A
Max. (Rated) apparent output power	29900 VA	30000 VA	40000 VA
Power factor range	-0.8, ..., 1, ..., +0.8		

Model	S6-EH3P50K-H	S6-EH3P29.9K-H(21A)	S6-EH3P30K-H(21A)
1) PV input			
Max. input voltage	DC 1000 V		
MPPT voltage range	DC 150, ..., 850 V		
Max. input current	DC 4x40A	DC 3x42A	
Isc PV (absolute maximum)	DC 4x60A	DC 3x60A	
2) Battery input			
Battery type	Li-ion		
Battery voltage range	DC 150, ..., 800 V		
Max. charge current:	DC 2x70 A	DC 2x80 A	
Max. discharge current:	DC 2x70 A	DC 2x80 A	
3) AC-output (Grid side)			
Rated output voltage:	3/N/PE AC 230/400 V		
Rated output frequency:	50 Hz		
Max. (Rated) output current:	AC 72.2A	AC 43.2A	AC 43.3A
Max. (Rated) apparent output power	50000 VA	29900 VA	30000 VA



Compliance Document

No. D 086470 0180 Rev. 02

Power factor range	-0.8, ..., 1, ..., +0.8
--------------------	-------------------------

Model	S6-EH3P40K-H(21A)	S6-EH3P50K-H(21A)	S6-EH3P60K-H(21A)
1) PV input			
Max. input voltage	DC 1000 V		
MPPT voltage range	DC 150, ..., 850 V		
Max. input current	DC 4x42A		
Isc PV (absolute maximum)	DC 4x60A		
2) Battery input			
Battery type	Li-ion		
Battery voltage range	DC 150, ..., 800 V		
Max. charge current:	DC 2x80 A		DC 2x84 A
Max. discharge current:	DC 2x80 A		DC 2x84 A
3) AC-output (Grid side)			
Rated output voltage:	3/N/PE AC 230/400 V		
Rated output frequency:	50 Hz		
Max. (Rated) output current:	AC 57.7A	AC 72.2A	AC 86.6A
Max. (Rated) apparent output power	40000 VA	50000 VA	60000 VA
Power factor range	-0.8, ..., 1, ..., +0.8		