

Compliance Document

No. D 086470 0180 Rev. 00

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

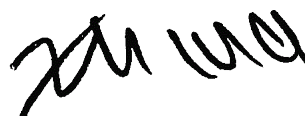
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PEOPLE'S REPUBLIC OF CHINA

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.: 704092304896-00

Date, 2024-03-19



(Zhengdong Ma)

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Model(s): S6-EH3P29.9K-H, S6-EH3P30K-H,
S6-EH3P40K-H, S6-EH3P50K-H

Parameters:

Models	S6-EH3P29.9K-H	S6-EH3P30K-H
1) PV input		
Max. input voltage	DC 1000 V	DC 1000 V
MPPT voltage range	DC 150 - 850 V	DC 150 - 850 V
Max. input current	3x40A	3x40A
Max. short-circuit input current	3x60A	3x60A
2) Battery input		
Battery type	Li-ion	Li-ion
Battery voltage range	DC 150 - 800 V	DC 150 - 800 V
Max. charge current:	DC 2x70 A	DC 2x70 A
Max. discharge current:	DC 2x70 A	DC 2x70 A
3) AC-output (Back-up)		
Rated output voltage:	3/N/PE AC 230/400 V	3/N/PE AC 230/400 V
Rated output frequency:	50 Hz	50 Hz
Rated output current:	43.2A	43.3A
Rated output power	29900W	30000W
4) AC-output (Grid side)		
Rated output voltage:	3/N/PE AC 230/400 V	3/N/PE AC 230/400 V
Rated output frequency:	50 Hz	50 Hz
Max. output current:	43.2A	43.3A
Max. apparent output power	29900VA	30000VA
Power factor range	0.8(leading)-0.8(lagging)	0.8(leading)-0.8(lagging)
5) AC input		
Rated output voltage:	3/N/PE AC 230/400 V	3/N/PE AC 230/400 V
Rated output frequency:	50 Hz	50 Hz
Gen Max.(Rated) continuous current:	43.2A	43.3A
Grid Max.(Rated) continuous current:	86.4A	86.6A

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Models	S6-EH3P40K-H	S6-EH3P50K-H
1) PV input		
Max. input voltage	DC 1000 V	DC 1000 V
MPPT voltage range	DC 150 - 850 V	DC 150 - 850 V
Max. input current	4x40A	4x40A
Max. short-circuit input current	4x60A	4x60A
2) Battery input		
Battery type	Li-ion	Li-ion
Battery voltage range	DC 150 - 800 V	DC 150 - 800 V
Max. charge current:	DC 2x70 A	DC 2x70 A
Max. discharge current:	DC 2x70 A	DC 2x70 A
3) AC-output (Back-up)		
Rated output voltage:	3/N/PE AC 230/400 V	3/N/PE AC 230/400 V
Rated output frequency:	50 Hz	50 Hz
Rated output current:	57.7A	72.2A
Rated output power	40000W	50000W
4) AC-output (Grid side)		
Rated output voltage:	3/N/PE AC 230/400 V	3/N/PE AC 230/400 V
Rated output frequency:	50 Hz	50 Hz
Max. output current:	57.7A	72.2A
Max. apparent output power	40000VA	50000VA
Power factor range	0.8(leading)-0.8(lagging)	0.8(leading)-0.8(lagging)
5) AC input		
Rated output voltage:	3/N/PE AC 230/400 V	3/N/PE AC 230/400 V
Rated output frequency:	50 Hz	50 Hz
Gen Max.(Rated) continuous current:	57.7A	72.2A
Grid Max.(Rated) continuous current:	115.4A	144.4A

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