

# Compliance Document

No. D 086470 0189 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092304894-00

**Date,** 2024-04-23



( Zhengdong Ma )

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

## Parameters:

Model	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
Isc PV (absolute maximum)	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 (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. (Rated) output current:	43.2A	43.3A
Max. (Rated) apparent output power	29900VA	30000VA
Power factor range	-0.8, ...,1, ..., +0.8	-0.8, ...,1, ..., +0.8

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Model	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
Isc PV (absolute maximum)	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 (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. (Rated) output current:	57.7A	72.2A
Max. (Rated) apparent output power	40000VA	50000VA
Power factor range	-0.8, ..., 1, ..., +0.8	-0.8, ..., 1, ..., +0.8

**Tested  
according to:**

NRS 097-2-1:2017 Edition 2.1