



Product Service

Compliance Document

No. D 086470 0213 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.: 704092403766-00

Date, 2024-08-30

(Zhengdong Ma)



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Model(s): S6-EH3P12K-H, S6-EH3P15K-H, S6-EH3P20K-H

Parameters:

Model	S6-EH3P12K-H	S6-EH3P15K-H	S6-EH3P20K-H
a).PV inputs:			
Max. input voltage	DC 1000 V		
MPP voltage range	DC 200, ..., 850 V		
Max. input current	DC 4x20 A	DC 4x20 A	DC 4x20 A
Isc PV (absolute maximum)	DC 4x30 A	DC 4x30 A	DC 4x30 A
b).Battery			
Battery type	Li-ion		
Battery voltage range	DC 120, ..., 800 V		
Max. charge/discharge current	DC 50/50 A	DC 50/50 A	DC 50/50 A
c).AC-output (Grid side)			
Rated output voltage	3/N/PE AC 230/400 V		
Rated output frequency	50 Hz		
Max. /Rated output current	AC 17.3 A	AC 21.7 A	AC 28.9 A
Max. /Rated apparent output power	12000 VA	15000 VA	20000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		
d).AC-output (Back-up)			
Rated output voltage	3/N/PE AC 230/400 V		
Rated output frequency	50 Hz		
Max. /Rated output current	AC 17.3 A	AC 21.7 A	AC 28.9 A
Max. /Rated output power	12000 W	15000 W	20000 W
Displacement factor:	-0.8, ..., 1, ..., +0.8		
e).AC-Input			
Rated output voltage	3/N/PE AC 230/400 V		
Rated output frequency	50 Hz		
Max.(Rated) input current	AC 26 A	AC 32.5 A	AC 43.3 A

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