



Product Service

Compliance Document

No. D 086470 0216 Rev. 01

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.: 7040923048102-01

Date, 2025-07-31

(Zhengdong Ma)



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Model(s): S6-EH1P12K03-NV-YD-L, S6-EH1P14K03-NV-YD-L,
S6-EH1P16K03-NV-YD-L, S6-EH1P18K03-NV-YD-L.

Parameters:

Model	S6-EH1P12K03-NV-YD-L	S6-EH1P14K03-NV-YD-L
a). PV inputs		
Max. input voltage	DC 550 V	
MPP voltage range	DC 80, ..., 520 V	
Max. input current	DC 3x40 A	
Isc PV (absolute maximum)	DC 3x50 A	
b). Battery		
Battery type	Lithium-ion/Lead-acid	
Battery voltage range	DC 40, ..., 60 V	
Max. charge/discharge current	DC 250 A/250 A	DC 290 A/290 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 52.2 A	AC 60.9 A
Max. /Rated apparent output power	12000 VA	14000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8	



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Model	S6-EH1P16K03-NV-YD-L	S6-EH1P18K03-NV-YD-L
a). PV inputs		
Max. input voltage	DC 550 V	
MPP voltage range	DC 80, ..., 520 V	
Max. input current	DC 3x40 A	DC 3x42 A
Isc PV (absolute maximum)	DC 3x50 A	
b). Battery		
Battery type	Lithium-ion/Lead-acid	
Battery voltage range	DC 40, ..., 60 V	
Max. charge/discharge current	DC 290 A/290 A	DC 320 A/320 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 69.6 A	AC 78.2 A
Max. /Rated apparent output power	16000 VA	18000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8	

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