



Product Service

Compliance Document

No. D 086470 0244 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.: 4840825239600

Date, 2025-04-01


(Ming Gu)



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Model(s): S6-EH2P5K02-SV-YD-L, S6-EH2P6K02-SV-YD-L, S6-EH2P7.5K02-SV-YD-L, S6-EH2P8K02-SV-YD-L

Parameters:

Model	S6-EH2P5K02 -SV-YD-L	S6-EH2P6K02 -SV-YD-L	S6-EH2P7.5K02 -SV-YD-L	S6-EH2P8K02 -SV-YD-L
PV-Input				
Max. input voltage d.c.	500 V			
Mppt voltage range d.c.	90-435 V			
Max. input current d.c.	2x21 A	21+42 A	2x42 A	2x42 A
Isc PV (absolute maximum) d.c.	2x24 A	24+48 A	2x48 A	2x48 A
Battery				
Battery type	Li-ion			
Battery voltage range d.c.	40-60V			
Max. voltage	60V			
Max. Charge/discharge current d.c.	112A /112A	135A /135A	190A /190A	190A /190A
AC-Output (Back-up)				
Max. (rated) output power a.c.	5000 W	6000 W	7500 W	8000 W
Nominal output voltage a.c.	2/N/ 127/220 V	2/N/ 127/220 V	2/N/ 127/220 V	2/N/ 127/220 V
Nominal Frequency	60Hz	60Hz	60Hz	60Hz
Max. (rated) output current a.c.	22.7A	27.3A	34.1A	36.4A
AC-Output (Grid side)				
Max. apparent output power a.c.	5500 VA	6600 VA	7500 VA	8800 VA
Nominal output voltage a.c.	2/N/ 127/220 V	2/N/ 127/220 V	2/N/ 127/220 V	2/N/ 127/220 V
Nominal Frequency	60Hz	60Hz	60Hz	60Hz
Max. output current a.c.	25A	30A	34.1A	40A
Power factor range	-0.8...1...+ 0.8			
Protective class	I			
Ingress protection	IP66			
Ambient temperature	-40...+60°C			
AC-Input (For grid port and Gen port)				
Nominal voltage a.c.	2/N/ 127/220 V			
Grid max. continuous current	35A	40A	50A	50A
Gen max. continuous current	22.7A	27.3A	34.1A	36.4A
Nominal Frequency	60Hz			



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**Tested
according to:**

IEC 61000-6-1:2016
 IEC 61000-6-2:2016
 IEC 61000-6-3:2020
 IEC 61000-6-4:2018
 IEC 61000-3-2:2018/AMD1:2020
 IEC 61000-3-12:2011/AMD1:2021
 IEC 61000-3-3:2013/AMD2:2021
 IEC 61000-3-11:2017
 IEC 62920:2017/A1:2021