



Product Service

CERTIFICATE

No. B 086470 0246 Rev. 00

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

No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Converter
Hybrid Inverter**

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

Parameters: See next pages.

Tested according to: IEC 62109-1:2010
EN 62109-1:2010
IEC 62109-2:2011
EN 62109-2:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040925001333-00
Valid until: 2030-04-02

Date, 2025-04-03

(Kai Zhao)

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Model name	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	500 Vd.c.			
MPPT voltage range	90, ..., 435 Vd.c.			
Max. input current	21+21 Ad.c.	21+42 Ad.c.	42+42 Ad.c.	42+42 Ad.c.
Isc PV (absolute maximum)	24+24 Ad.c.	24+48 Ad.c.	48+48 Ad.c.	48+48 Ad.c.
Battery input				
Battery type	Li-ion / Lead-acid			
Battery voltage range	40, ..., 60 Vd.c.			
Max. voltage	60 Vd.c.			
Max. charge current	112 Ad.c.	135 Ad.c.	190 Ad.c.	190 Ad.c.
Max. discharge current	112 Ad.c.	135 Ad.c.	190 Ad.c.	190 Ad.c.
AC output (Back-up)				
Max. (rated) output power	5000 W	6000 W	7500 W	8000 W
Nominal output voltage	2/N AC 127/220 V			
Nominal frequency	60 Hz			
Max. (rated) output current	22.7 Aa.c.	27.3 Aa.c.	34.1 Aa.c.	36.4 Aa.c.
AC output (Grid side)				
Max. (rated) apparent output power	5500 VA	6600 VA	7500 VA	8800 VA
Nominal output voltage	2/N AC 127/220 V			
Nominal frequency	60 Hz			
Power factor range	-0.8, ..., 1, ..., +0.8			
Max. (rated) output current	25.0 Aa.c.	30.0 Aa.c.	34.1 Aa.c.	40.0 Aa.c.
AC input (for Grid and Gen port)				
Nominal voltage	2/N AC 127/220 V			
Grid max. (rated) continuous current	35.0 Aa.c.	40.0 Aa.c.	50.0 Aa.c.	50.0 Aa.c.
Gen max. (rated) continuous current	22.7 Aa.c.	27.3 Aa.c.	34.1 Aa.c.	36.4 Aa.c.
Nominal frequency	60 Hz			
General parameters				
Protective class	I			
Ingress protection	IP66			
Operating temperature range	-40 °C, ..., +60 °C			