



Product Service

CERTIFICATE

No. B 086470 0135 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: **PV inverter**
Hybrid Inverter

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092304832-00

Valid until: 2028-05-17

Date, 2023-05-19

(Zhengdong Ma)

CERTIFICATE

No. B 086470 0135 Rev. 00

Model(s):

S6-EH1P3K-L-PRO, S6-EH1P3.6K-L-PRO,
S6-EH1P5K-L-PRO, S6-EH1P6K-L-PRO, S6-EH1P8K-L-PRO

Parameters:

Models	S6-EH1P3K-L-PRO	S6-EH1P3.6K-L-PRO	S6-EH1P5K-L-PRO
PV input			
Max. input voltage	d.c. 600V	d.c. 600V	d.c. 600V
MPPT voltage range	d.c. 90...520V	d.c. 90...520V	d.c. 90...520V
Max. input current	d.c. 2 x 16A	d.c. 2 x 16A	d.c. 2 x 16A
Isc PV (absolute max.)	d.c. 2 x 24A	d.c. 2 x 24A	d.c. 2 x 24A
Battery			
Battery Type	Li-ion/Lead-acid		
Battery voltage range	d.c. 40...60V	d.c. 40...60V	d.c. 40...60V
Max. charge current	d.c. 70A	d.c. 80A	d.c. 112A
Max. discharge current	d.c. 70A	d.c. 80A	d.c. 112A
AC-Output (Back-up)			
Max. output power	a.c. 3300W	a.c. 4000W	a.c. 5500W
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V		
Rated Frequency	50/60 Hz		
Max. output current	a.c. 15A	a.c. 20A	a.c. 25A
AC-Output (Grid side)			
Max. apparent output power	a.c. 3300VA	a.c. 4000VA	a.c. 5500VA
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V		
Rated Frequency	50/60 Hz		
Max. output current	a.c. 15A	a.c. 20A	a.c. 25A
AC-Input			
Rated voltage	1/N/PE AC 220V 1/N/PE AC 230V		
Current (maximum continuous)	a.c. 20A	a.c. 25A	a.c. 32A
Rated Frequency	50/60 Hz		
General			
Power Factor	0.8(leading)-0.8(lagging)		
Protective Class:	I		
Ingress Protection:	IP66		
Operating Temperature Range:	-40 °C...+60 °C		

CERTIFICATE

No. B 086470 0135 Rev. 00

Models	S6-EH1P6K-L-PRO	S6-EH1P8K-L-PRO
PV input		
Max. input voltage	d.c. 600V	d.c. 600V
MPPT voltage range	d.c. 90...520V	d.c. 90...520V
Max. input current	d.c. 2 x 16A	d.c. 32+20A
Isc PV (absolute max.)	d.c. 2 x 24A	d.c. 36+30A
Battery		
Battery Type	Li-ion/Lead-acid	
Battery voltage range	d.c. 40...60V	d.c. 40...60V
Max. charge current	d.c. 135A	d.c. 190A
Max. discharge current	d.c. 135A	d.c. 190A
AC-Output (Back-up)		
Max. output power	a.c. 6600W	a.c. 8800W
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V	
Rated Frequency	50/60 Hz	
Max. output current	a.c. 30A	a.c. 40A
AC-Output (Grid side)		
Max. apparent output power	a.c. 6600VA	a.c. 8800VA
Rated output voltage	1/N/PE AC 220V 1/N/PE AC 230V	
Rated Frequency	50/60 Hz	
Max. output current	a.c. 30A	a.c. 40A
AC-Input		
Rated voltage	1/N/PE AC 220V 1/N/PE AC 230V	
Current (maximum continuous)	a.c. 40A	a.c. 50A
Rated Frequency	50/60 Hz	
General		
Power Factor	0.8(leading)-0.8(lagging)	
Protective Class:	I	
Ingress Protection:	IP66	
Operating Temperature Range:	-40 °C...+60 °C	

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