



Product Service

CERTIFICATE

No. B 086470 0214 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**
Grid-connected PV 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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040924001351-00

Valid until: 2029-09-03

Date, 2024-09-04

(Zhengdong Ma)

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Model(s):

S6-GC3P15K03-LV-ND, S6-GC3P20K03-LV-ND,
S6-GC3P25K03-NV-ND, S6-GC3P30K03-NV-ND,
S6-GC3P33K03-NV-ND, S6-GC3P36K03-NV-ND,
S6-GC3P40K03-HV-ND

Parameters:

Model	S6-GC3P15K03-LV-ND	S6-GC3P20K03-LV-ND	S6-GC3P25K03-NV-ND
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000Vd.c.		
Max. input current	3x40 Ad.c.		
Isc PV (absolute maximum)	3x50 Ad.c.		
AC output (Grid)			
Nominal grid voltage	3/PE 220 Va.c. 3/PE 230 Va.c.	3/PE 220 Va.c. 3/PE 230 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	15000 W	20000 W	25000 W
Max.(rated) AC output active power	15000 W	20000 W	25000 W
Max.(rated) AC output apparent power	15000 VA	20000 VA	25000 VA
Max.(rated) output current	39.4 Aa.c.@ 220 Va.c. 37.7 Aa.c.@ 230 Va.c.	52.5 Aa.c.@ 220 Va.c. 50.2 Aa.c.@ 230 Va.c.	38.0 Aa.c.@ 220/380 Va.c. 36.1 Aa.c.@ 230/400 Va.c.
General			
Power factor range	-0.8, ..., 1, ..., +0.8		
Protective class	I		
Ingress protection	IP 66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		

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Model	S6-GC3P30K03-NV-ND	S6-GC3P33K03-NV-ND	S6-GC3P36K03-NV-ND	S6-GC3P40K03-HV-ND
PV input				
Max. input voltage	1100 Vd.c.			
MPPT voltage range	180, ..., 1000Vd.c.			
Max. input current	3x40 Ad.c.			
Isc PV (absolute maximum)	3x50 Ad.c.			
AC output (Grid)				
Nominal grid voltage	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c. 3/N/PE 230/400 Va.c.	3/PE 480 Va.c.
Nominal grid frequency	50 / 60 Hz			
Nominal output power	30000 W	33000 W	36000 W	40000 W
Max.(rated) AC output active power	30000 W	33000 W	36000 W	40000 W
Max.(rated) AC output apparent power	30000 VA	33000 VA	36000 VA	40000 VA
Max.(rated) output current	45.6 Aa.c.@ 220/380 Va.c. 43.3 Aa.c.@ 230/400 Va.c.	50.1 Aa.c.@ 220/380 Va.c. 47.6 Aa.c.@ 230/400 Va.c.	54.7 Aa.c.@ 220/380 Va.c. 52.0 Aa.c.@ 230/400 Va.c..	48.1 Aa.c.
General				
Power factor range	-0.8, ..., 1, ..., +0.8			
Protective class	I			
Ingress protection	IP 66			
Operating temperature Range	-25 °C, ..., +60 °C			
Overvoltage category	II(PV), III(MAINS)			
Topology	Non-isolated			

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