



Product Service

CERTIFICATE

No. B 086470 0241 Rev. 01

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

Model(s):

S6-GC3P20K04-NV-ND-R, S6-GC3P23K03-LV-ND,
S6-GC3P25K04-LV-ND, S6-GC3P25K04-NV-ND-R,
S6-GC3P27.6K04-NV-ND-R, S6-GC3P30K04-LV-ND,
S6-GC3P30K04-NV-ND-R, S6-GC3P33K04-NV-ND-R,
S6-GC3P36K04-LV-ND, S6-GC3P36K04-NV-ND-R,
S6-GC3P37.5K04-LV-ND, S6-GC3P37.5K04-NV-ND,
S6-GC3P40K04-NV-ND, S6-GC3P40K04-NV-ND-R,
S6-GC3P50K04-HV-ND, S6-GC3P50K04-NV-ND,
S6-GC3P60K05-HV-ND, S6-GC3P60K05-NV-ND

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.:

5040924001353-01

Valid until:

2030-06-23

Date,

2025-06-24

(Zhengdong Ma)

CERTIFICATE

No. B 086470 0241 Rev. 01

Model	S6-GC3P20K04- NV-ND-R	S6-GC3P25K04- NV-ND-R	S6-GC3P27.6K04- NV-ND-R
Parameter			
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000 Vd.c.		
Max. input current	4 x 42 Ad.c.		
Isc PV (absolute maximum)	4 x 52.5 Ad.c.		
AC output (Grid)			
Nominal grid voltage	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/N/PE 230/400 Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	20000 W	25000 W	27600 W
Max.(rated) AC output active power	20000 W	25000 W	27600 W
Max.(rated) AC output apparent power	20000 VA	25000 VA	27600 VA
Max.(rated) output current	30.3 Aa.c.@ 220/380 Va.c. 29.0 Aa.c.@ 230/400 Va.c.	38.0 Aa.c.@ 220/380 Va.c. 36.1 Aa.c.@ 230/400 Va.c.	40.0 Aa.c.
Power factor range	-0.8, ..., 1, ..., +0.8		
General			
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		

CERTIFICATE

No. B 086470 0241 Rev. 01

Model	S6-GC3P30K04-NV-ND-R	S6-GC3P33K04-NV-ND-R	S6-GC3P36K04-NV-ND-R
Parameter			
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000 Vd.c.		
Max. input current	4 x 42 Ad.c.		
Isc PV (absolute maximum)	4 x 52.5 Ad.c.		
AC output (Grid)			
Nominal grid voltage	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	30000 W	33000 W	36000 W
Max.(rated) AC output active power	30000 W	33000 W	36000 W
Max.(rated) AC output apparent power	30000 VA	33000 VA	36000 VA
Max.(rated) output current	45.5 Aa.c.@ 220/380 Va.c. 43.5 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.
Power factor range	-0.8, ..., 1, ..., +0.8		
General			
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		

CERTIFICATE

No. B 086470 0241 Rev. 01

Model	S6-GC3P37.5K04-NV-ND	S6-GC3P40K04-NV-ND	S6-GC3P40K04-NV-ND-R
Parameter			
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000 Vd.c.		
Max. input current	4 x 42 Ad.c.		
Isc PV (absolute maximum)	4 x 52.5 Ad.c.		
AC output (Grid)			
Nominal grid voltage	3/N/PE 220/380 Va.c.	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	37500 W	40000 W	40000 W
Max.(rated) AC output active power	37500 W	40000 W	40000 W
Max.(rated) AC output apparent power	37500 VA	40000 VA	40000 VA
Max.(rated) output current	57.0 Aa.c.	60.8 Aa.c.@ 220/380 Va.c. 57.7 Aa.c.@ 230/400 Va.c.	60.8 Aa.c.@ 220/380 Va.c. 57.7 Aa.c.@ 230/400 Va.c.
Power factor range	-0.8, ..., 1, ..., +0.8		
General			
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		

CERTIFICATE

No. B 086470 0241 Rev. 01

Model	S6-GC3P50K04- NV-ND	S6-GC3P60K05-NV- ND	S6-GC3P37.5K04- LV-ND
Parameter			
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000 Vd.c.		
Max. input current	4 x 42 Ad.c.	5 x 42 Ad.c.	4 x 42 Ad.c.
Isc PV (absolute maximum)	4 x 52.5 Ad.c.	5 x 52.5 Ad.c.	4 x 52.5 Ad.c.
AC output (Grid)			
Nominal grid voltage	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/N/PE 220/380 Va.c., or 3/N/PE 230/400 Va.c.	3/PE 220 Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	50000 W	60000 W	37500 W
Max.(rated) AC output active power	50000 W	60000 W	37500 W
Max.(rated) AC output apparent power	50000 VA	60000 VA	37500 VA
Max.(rated) output current	76.0 Aa.c.@ 220/380 Va.c. 72.2 Aa.c.@ 230/400 Va.c.	91.2 Aa.c.@ 220/380 Va.c. 86.6 Aa.c.@ 230/400 Va.c.	98.4 Aa.c.
Power factor range	-0.8, ..., 1, ..., +0.8		
General			
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		

CERTIFICATE

No. B 086470 0241 Rev. 01

Model Parameter	S6-GC3P23K03-LV-ND	S6-GC3P25K04-LV-ND	S6-GC3P30K04-LV-ND
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000 Vd.c.		
Max. input current	3 x 42 Ad.c.	4 x 42 Ad.c.	4 x 42 Ad.c.
Isc PV (absolute maximum)	3 x 52.5 Ad.c.	4 x 52.5 Ad.c.	4 x 52.5 Ad.c.
AC output (Grid)			
Nominal grid voltage	3/PE 220 Va.c. or 3/PE 230 Va.c.	3/PE 220 Va.c. or 3/PE 230 Va.c.	3/PE 220 Va.c. or 3/PE 230 Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	23000 W	25000 W	30000 W
Max.(rated) AC output active power	23000 W	25000 W	30000 W
Max.(rated) AC output apparent power	23000 VA	25000 VA	30000 VA
Max.(rated) output current	60.4 Aa.c.@ 220 Va.c., 57.7 Aa.c.@ 230 Va.c.	65.6 Aa.c.@ 220 Va.c., 62.8 Aa.c.@ 230 Va.c.	78.7 Aa.c.@ 220 Va.c., 75.3 Aa.c.@ 230 Va.c.
Power factor range	-0.8, ..., 1, ..., +0.8		
General			
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		

CERTIFICATE

No. B 086470 0241 Rev. 01

Model Parameter	S6-GC3P36K04-LV-ND	S6-GC3P50K04-HV-ND	S6-GC3P60K05-HV-ND
PV input			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	180, ..., 1000Vd.c.		
Max. input current	4 x 42 Ad.c.	4 x 42 Ad.c.	5 x 42 Ad.c.
Isc PV (absolute maximum)	4 x 52.5 Ad.c.	4 x 52.5 Ad.c.	5 x 52.5 Ad.c.
AC output (Grid)			
Nominal grid voltage	3/PE 220Va.c. or 3/PE 230Va.c.	3/PE 480Va.c.	3/PE 480Va.c.
Nominal grid frequency	50 / 60 Hz		
Nominal output power	36000 W	50000 W	60000 W
Max.(rated) AC output active power	36000 W	50000 W	60000 W
Max.(rated) AC output apparent power	36000 VA	50000 VA	60000 VA
Max.(rated) output current	94.5 Aa.c.@ 220 Va.c., 90.4 Aa.c.@ 230 Va.c.	60.1 Aa.c.	72.2 Aa.c.
Power factor range	-0.8, ..., 1, ..., +0.8		
General			
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25 °C, ..., +60 °C		
Overvoltage category	II(PV), III(MAINS)		
Topology	Non-isolated		