



Product Service

Attestation of Conformity

No. T8A 086470 0238 Rev. 01

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

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

Product: **PV inverter**
Grid-connected PV Inverter

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 4840924377501

Date, 2025-06-26


(Ming Gu)



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Model(s):

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

Parameters:

Test report No.:

4840924377501A (EN IEC 61000-6-1,
EN IEC 61000-6-3, EN 55011, EN 62920)
4840924377501B (EN 301 489-1, EN 301 489-17)
4840924377501C (EN 300 328, EN 50663, EN 62479)
4840924377501D (EN 300 328, EN 50663, EN 62479)
5040924001353-01 (EN 62109-1, EN 62109-2)

Model	S6-GC3P20K04-NV-ND-R	S6-GC3P25K04-NV-ND-R	S6-GC3P27.6K04-NV-ND-R
Max. input voltage d.c.	1100V	1100V	1100V
Mpvt voltage range d.c.	180-1000V	180-1000V	180-1000V
Max. input current d.c.	4X42A	4X42A	4X42A
Isc PV (absolute maximum) d.c.	4X52.5A	4X52.5A	4X52.5A
Nominal grid voltage a.c.	3/N/PE 220/380V 3/N/PE 230/400V	3/N/PE 220/380V 3/N/PE 230/400V	3/N/PE 230/400V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	20000W	25000W	27600W
Max. (Rated) AC output active power	20000W	25000W	27600W
Max. (Rated) AC output apparent power	20000VA	25000VA	27600VA
Max. (Rated) continuous output current a.c.	30.3A/29.0A	38.0A/36.1A	40.0A
Power factor range	-0.8...1...+ 0.8	-0.8...1...+ 0.8	-0.8...1...+ 0.8
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Ingress protection	IP66	IP66	IP66
Protective class	I	I	I
Overvoltage category	II(PV) III(MAINS)	II(PV) III(MAINS)	II(PV) III(MAINS)
Inverter topology	Non-isolated	Non-isolated	Non-isolated

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Model	S6-GC3P30K04-NV-ND-R	S6-GC3P33K04-NV-ND-R	S6-GC3P36K04-NV-ND-R
Max. input voltage d.c.	1100V	1100V	1100V
Mppt voltage range d.c.	180-1000V	180-1000V	180-1000V
Max. input current d.c.	4X42A	4X42A	4X42A
Isc PV (absolute maximum) d.c.	4X52.5A	4X52.5A	4X52.5A
Nominal grid voltage a.c.	3/N/PE 220/380V 3/N/PE 230/400V	3/N/PE 220/380V 3/N/PE 230/400V	3/N/PE 220/380V 3/N/PE 230/400V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	30000W	33000W	36000W
Max. (Rated) AC output active power	30000W	33000W	36000W
Max. (Rated) AC output apparent power	30000VA	33000VA	36000VA
Max. (Rated) continuous output current a.c.	45.5A/43.5A	50.1A/47.6A	54.7A/52.0A
Power factor range	-0.8...1...+ 0.8	-0.8...1...+ 0.8	-0.8...1...+ 0.8
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Ingress protection	IP66	IP66	IP66
Protective class	I	I	I
Overvoltage category	II(PV) III(MAINS)	II(PV) III(MAINS)	II(PV) III(MAINS)
Inverter topology	Non-isolated	Non-isolated	Non-isolated

Model	S6-GC3P40K04-NV-ND-R	S6-GC3P23K03-LV-ND	S6-GC3P25K04-LV-ND
Max. input voltage d.c.	1100V	1100V	1100V
Mppt voltage range d.c.	180-1000V	180-1000V	180-1000V
Max. input current d.c.	4X42A	3X42A	4X42A
Isc PV (absolute maximum) d.c.	4X52.5A	3X52.5A	4X52.5A
Nominal grid voltage a.c.	3/N/PE 220/380V 3/N/PE 230/400V	3/PE 220V 3/PE 230V	3/PE 220V 3/PE 230V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	40000W	23000W	25000W
Max. (Rated) AC output active power	40000W	23000W	25000W

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Max. (Rated) AC output apparent power	40000VA	23000VA	25000VA
Max. (Rated) continuous output current a.c.	60.8A/57.7A	60.4A/57.7A	65.6A/62.8A
Power factor range	-0.8...1...+ 0.8	-0.8...1...+ 0.8	-0.8...1...+ 0.8
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Ingress protection	IP66	IP66	IP66
Protective class	I	I	I
Overvoltage category	II(PV) III(MAINS)	II(PV) III(MAINS)	II(PV) III(MAINS)
Inverter topology	Non-isolated	Non-isolated	Non-isolated

Model	S6-GC3P30K04-LV-ND	S6-GC3P36K04-LV-ND	S6-GC3P37.5K04-LV-ND
Max. input voltage d.c.	1100V	1100V	1100V
Mppt voltage range d.c.	180-1000V	180-1000V	180-1000V
Max. input current d.c.	4X42A	4X42A	4X42A
Isc PV (absolute maximum) d.c.	4X52.5A	4X52.5A	4X52.5A
Nominal grid voltage a.c.	3/PE 220V 3/PE 230V	3/PE 220V 3/PE 230V	3/PE 220V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	30000W	36000W	37500W
Max. (Rated) AC output active power	30000W	36000W	37500W
Max. (Rated) AC output apparent power	30000VA	36000VA	37500VA
Max. (Rated) continuous output current a.c.	78.7A/75.3A	94.5A/90.4A	98.4A
Power factor range	-0.8...1...+ 0.8	-0.8...1...+ 0.8	-0.8...1...+ 0.8
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Ingress protection	IP66	IP66	IP66
Protective class	I	I	I
Overvoltage category	II(PV) III(MAINS)	II(PV) III(MAINS)	II(PV) III(MAINS)
Inverter topology	Non-isolated	Non-isolated	Non-isolated

Model	S6-GC3P37.5K04-NV-ND	S6-GC3P40K04-NV-ND	S6-GC3P50K04-HV-ND
Max. input voltage d.c.	1100V	1100V	1100V
Mppt voltage range	180-1000V	180-1000V	180-1000V

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d.c.			
Max. input current d.c.	4X42A	4X42A	4X42A
Isc PV (absolute maximum) d.c.	4X52.5A	4X52.5A	4X52.5A
Nominal grid voltage a.c.	3/N/PE 220/380V	3/N/PE 220/380V 3/N/PE 230/400V	3/PE 480V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	37500W	40000W	50000W
Max. (Rated) AC output active power	37500W	40000W	50000W
Max. (Rated) AC output apparent power	37500VA	40000VA	50000VA
Max. (Rated) continuous output current a.c.	57.0A	60.8A/57.7A	60.1A
Power factor range	-0.8...1...+ 0.8	-0.8...1...+ 0.8	-0.8...1...+ 0.8
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Ingress protection	IP66	IP66	IP66
Protective class	I	I	I
Overvoltage category	II(PV) III(MAINS)	II(PV) III(MAINS)	II(PV) III(MAINS)
Inverter topology	Non-isolated	Non-isolated	Non-isolated

Model	S6-GC3P50K04-NV-ND	S6-GC3P60K05-HV-ND	S6-GC3P60K05-NV-ND
Max. input voltage d.c.	1100V	1100V	1100V
Mppt voltage range d.c.	180-1000V	180-1000V	180-1000V
Max. input current d.c.	4X42A	5X42A	5X42A
Isc PV (absolute maximum) d.c.	4X52.5A	5X52.5A	5X52.5A
Nominal grid voltage a.c.	3/N/PE 220/380V 3/N/PE 230/400V	3/PE 480V	3/N/PE 220/380V 3/N/PE 230/400V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	50000W	60000W	60000W
Max. (Rated) AC output active power	50000W	60000W	60000W
Max. (Rated) AC output apparent power	50000VA	60000VA	60000VA
Max. (Rated) continuous output current a.c.	76.0A/72.2A	72.2A	91.2A/86.6A

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Power factor range	-0.8...1...+ 0.8	-0.8...1...+ 0.8	-0.8...1...+ 0.8
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Ingress protection	IP66	IP66	IP66
Protective class	I	I	I
Overvoltage category	II(PV) III(MAINS)	II(PV) III(MAINS)	II(PV) III(MAINS)
Inverter topology	Non-isolated	Non-isolated	Non-isolated

**Tested
according to:**

- EN IEC 61000-6-1:2019
- EN IEC 61000-6-3:2021
- EN 55011:2016/A2:2021
- EN 62920:2017/A1:2021
- EN 301 489-1 V2.2.3:2019
- EN 301 489-17 V3.3.1:2024
- EN 300 328 V2.2.2:2019
- EN 50663:2017
- EN 62479:2010
- EN 62109-1:2010
- EN 62109-2:2011