




Product Service

Compliance Document

No. D 086470 0209 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**Product:** **PV inverter**
Grid-connected PV Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 4840924324701**Date,** 2025-08-18
(Ming Gu)



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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
PV-Input		
Max. input voltage d.c.	1100 V	
Mpvt voltage range d.c.	180-1000 V	
Max. input current d.c.	3x42 A	3x42 A
Isc PV (absolute maximum) d.c.	3x52.5 A	3x52.5 A
AC-Output (Grid side)		
Nominal grid voltage a.c.	3/PE,220V 3/PE,230V	3/PE,220V 3/PE,230V
Nominal grid frequency	50/60Hz	50/60Hz
Nominal output power	15000W	20000W
Max.(Rated) AC output active power	15000W	20000W
Max.(Rated) AC apparent power	15000VA	20000VA
Max.(Rated) continuous output current a.c.	39.4A/37.7A	52.5A/50.2A
Power factor range	-0.8...1...+ 0.8	
Protective class	I	
Ingress protection	IP66	
Ambient temperature	-25...+60°C	
Overvoltage category	II(PV),III(MAINS)	
Inverter topology	Non-isolated	



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Model	S6-GC3P25K03-NV-ND	S6-GC3P30K03-NV-ND
PV-Input		
Max. input voltage d.c.	1100 V	
Mppt voltage range d.c.	180-1000 V	
Max. input current d.c.	3x42 A	3x42 A
Isc PV (absolute maximum) d.c.	3x52.5 A	3x52.5 A
AC-Output (Grid side)		
Nominal grid voltage a.c.	3/N/PE,220V/380V, 3/N/PE,230V/400V	3/N/PE,220V/380V, 3/N/PE,230V/400V
Nominal grid frequency	50/60Hz	50/60Hz
Nominal output power	25000W	30000W
Max.(Rated) AC output active power	25000W	30000W
Max.(Rated) AC apparent power	25000VA	30000VA
Max.(Rated) continuous output current a.c.	38.0A/36.1A	45.6A/43.3A
Power factor range	-0.8...1...+ 0.8	
Protective class	I	
Ingress protection	IP66	
Ambient temperature	-25...+60°C	
Overvoltage category	II(PV),III(MAINS)	
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Model	S6-GC3P33K03-NV-ND	S6-GC3P36K03-NV-ND	S6-GC3P40K03-HV-ND
PV-Input			
Max. input voltage d.c.	1100 V		
Mpvt voltage range d.c.	180-1000 V		
Max. input current d.c.	3x42 A	3x42 A	3x42 A
Isc PV (absolute maximum) d.c.	3x52.5 A	3x52.5 A	3x52.5 A
AC-Output (Grid side)			
Nominal grid voltage a.c.	3/N/PE,220V/380V, 3/N/PE,230V/400V	3/N/PE,220V/380V, 3/N/PE,230V/400V	3/PE, 480V
Nominal grid frequency	50/60Hz	50/60Hz	50/60Hz
Nominal output power	33000W	36000W	40000W
Max.(Rated) AC output active power	33000W	36000W	40000W
Max.(Rated) AC apparent power	33000VA	36000VA	40000VA
Max.(Rated) continuous output current a.c.	50.1A/47.6A	54.7A/52A	48.1A
Power factor range	-0.8...1...+ 0.8		
Protective class	I		
Ingress protection	IP66		
Ambient temperature	-25...+60°C		
Overvoltage category	II(PV),III(MAINS)		
Inverter topology	Non-isolated		



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**Tested
according to:**

IEC 61000-6-1:2016
IEC 61000-6-2:2016
IEC 61000-6-3:2020
IEC 61000-6-4:2018
IEC 61000-3-2:2018/AMD1:2020
IEC 61000-3-12:2011/AMD1:2021
IEC 61000-3-3:2013/AMD2:2021
IEC 61000-3-11:2017
IEC 62920:2017/A1:2021