



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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 4840924324701

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( 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     |
|--------------------------------------------|------------------------|------------------------|
| <b>PV-Input</b>                            |                        |                        |
| 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               |
| <b>AC-Output (Grid side)</b>               |                        |                        |
| Nominal grid voltage a.c.                  | 3/PE,220V<br>3/PE,230V | 3/PE,220V<br>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                    |
| <b>PV-Input</b>                            |                                       |                                       |
| 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                              |
| <b>AC-Output (Grid side)</b>               |                                       |                                       |
| Nominal grid voltage a.c.                  | 3/N/PE,220V/380V,<br>3/N/PE,230V/400V | 3/N/PE,220V/380V,<br>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)                     |                                       |
| Inverter topology                          | Non-isolated                          |                                       |



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| Model                                      | S6-GC3P33K03-NV-ND                   | S6-GC3P36K03-NV-ND                   | S6-GC3P40K03-HV-ND |
|--------------------------------------------|--------------------------------------|--------------------------------------|--------------------|
| <b>PV-Input</b>                            |                                      |                                      |                    |
| 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           |
| <b>AC-Output (Grid side)</b>               |                                      |                                      |                    |
| 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