



Product Service

# Compliance Document

No. D 086470 0231 Rev. 01

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

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PEOPLE'S REPUBLIC OF CHINA

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

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**Test report no.:** 704092403730-01

**Date,** 2025-06-26

( Zhengdong Ma )



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## Model(s):

S6-GC3P23K03-LV-ND, S6-GC3P25K04-LV-ND,  
S6-GC3P30K04-LV-ND, S6-GC3P36K04-LV-ND,  
S6-GC3P40K04-NV-ND, S6-GC3P50K04-NV-ND,  
S6-GC3P60K05-NV-ND, S6-GC3P50K04-HV-ND,  
S6-GC3P60K05-HV-ND

## Parameters:

| Model                                  | S6-GC3P23K03-LV-ND      | S6-GC3P25K04-LV-ND | S6-GC3P30K04-LV-ND |
|----------------------------------------|-------------------------|--------------------|--------------------|
| Max. input voltage                     | DC 1100 V               |                    |                    |
| MPPT voltage range                     | DC 180, ..., 1000 V     |                    |                    |
| Max. input current                     | DC 3x42 A               | DC 4x42 A          |                    |
| Isc PV (absolute maximum)              | DC 3x52.5 A             | DC 4x52.5 A        |                    |
| Nominal output voltage                 | 3/PE AC 220 V           |                    |                    |
| Nominal output frequency               | 50 Hz                   |                    |                    |
| Nominal output power                   | 23000W                  | 25000W             | 30000W             |
| Max.(Rated) AC output active power     | 23000W                  | 25000W             | 30000W             |
| Max.(Rated) AC output apparent power   | 23000VA                 | 25000VA            | 30000VA            |
| Max.(Rated) continuous output current: | AC 60.4 A               | AC 65.6 A          | AC 78.7 A          |
| Power factor range:                    | -0.8, ..., 1, ..., +0.8 |                    |                    |



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| Model                                   | S6-GC3P36K04-LV-ND      | S6-GC3P40K04-NV-ND  | S6-GC3P50K04-NV-ND |
|-----------------------------------------|-------------------------|---------------------|--------------------|
| Max. input voltage                      | DC 1100 V               |                     |                    |
| MPPT voltage range                      | DC 180, ..., 1000 V     |                     |                    |
| Max. input current                      | DC 4x42 A               |                     |                    |
| Isc PV (absolute maximum)               | DC 4x52.5 A             |                     |                    |
| Nominal output voltage                  | 3/PE AC 220 V           | 3/N/PE AC 230/400 V |                    |
| Nominal output frequency                | 50 Hz                   | 50 Hz               |                    |
| Nominal output power                    | 36000W                  | 40000W              | 50000W             |
| Max. (Rated) AC output active power     | 36000W                  | 40000W              | 50000W             |
| Max. (Rated) AC output apparent power   | 36000VA                 | 40000VA             | 50000VA            |
| Max. (Rated) continuous output current: | AC 94.5 A               | AC 57.7 A           | AC 72.2 A          |
| Power factor range:                     | -0.8, ..., 1, ..., +0.8 |                     |                    |



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|                                         |                         |                    |                    |
|-----------------------------------------|-------------------------|--------------------|--------------------|
| Model                                   | S6-GC3P60K05-NV-ND      | S6-GC3P50K04-HV-ND | S6-GC3P60K05-HV-ND |
| Max. input voltage                      | DC 1100 V               |                    |                    |
| MPPT voltage range                      | DC 180, ..., 1000 V     |                    |                    |
| Max. input current                      | DC 5x42 A               | DC 4x42 A          | DC 5x42 A          |
| Isc PV (absolute maximum)               | DC 5x52.5 A             | DC 4x52.5 A        | DC 5x52.5 A        |
| Nominal output voltage                  | 3/N/PE AC 230/400 V     | 3/PE AC 480 V      |                    |
| Nominal output frequency                | 50 Hz                   | 50 Hz              |                    |
| Nominal output power                    | 60000W                  | 50000W             | 60000W             |
| Max. (Rated) AC output active power     | 60000W                  | 50000W             | 60000W             |
| Max. (Rated) AC output apparent power   | 60000VA                 | 50000VA            | 60000VA            |
| Max. (Rated) continuous output current: | AC 86.6 A               | AC 60.1 A          | AC 72.2 A          |
| Power factor range:                     | -0.8, ..., 1, ..., +0.8 |                    |                    |

**Tested  
according to:**

IEC 61727:2004  
IEC 62116:2014