

Certificate of Conformity

By the product certificate number:

No. 2620/0211-E1-CER-E1

Issued to

License holder: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

Trademark:



Manufacturer: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China



It is certified that the product:

Type of generator PV Inverter

Models: SUN-3K-G03-1 / SUN-3.2K-G03 / SUN-4K-G03 / SUN-5K-G03 / SUN-6K-G03 / SUN-7K-G03 / SUN-8K-G03 / SUN-9K-G03 / SUN-10K-G03 / SUN-12K-G03 / SUN-15K-G03

| | | |
|------------------------|------------------------------|-------------------------------|
| Technical Data: | Rated Active Power | See pages 2 and 3 |
| | Rated Voltage | 230 / 400 V |
| | Rated Frequency | 50 Hz |
| | Firmware version | Ver 1813 |
| | Number of phases | Three phases (3L/N/PE) |
| | Isolation transformer | NO |

(See further information about rating characteristics in the pages 2 and 3)

Complies with the standard:

- **EN 50549-1: 2019** "Requirements for generating plants to be connected in parallel with distribution networks – Part 1: Connection to a LV Distribution Network - Generating Plants up to and including type B".

This certificate just covers PV inverters models certified below above-mentioned references to be installed in PV generating of type plants A to be connected to a LV distribution network.

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-53 based on the requirements of the UNE-EN ISO / IEC 17065

This certificate cancels and supersedes the certificate no. 2620/0211-E1-CER.

This certificate is valid until: 14th of July 2023.

First issued on: 14th of July 2020.

Madrid, 25th February 2021



Daniel Arranz Muñiz
Certification Manager



Full list of rated characteristics of certified models:

| Product Model | SUN-10K-G03 | SUN-9K-G03 | SUN-8K-G03 | SUN-7K-G03 | SUN-6K-G03 |
|--------------------------------|--------------------------|------------|------------|------------|------------|
| Input (DC) | | | | | |
| Max.DC Input Power (kW) | 12 | 11.7 | 10.4 | 10 | 9 |
| Max.DC Voltage (V) | 1000 | | | | |
| MPPT Voltage Range (V) | 140 – 1000 | | | | |
| MAX input current per MPPT (A) | 12.5 + 12.5 | | | | |
| Output (AC) | | | | | |
| Max AC Output power (kW) | 11 | 9.9 | 8.8 | 7.7 | 6.6 |
| Rated AC Output power (kW) | 10 | 9 | 8 | 7 | 6 |
| Max AC Output Current (A) | 16 | 14.3 | 12.76 | 11.11 | 10 |
| Rated AC Output Current (A) | 14.5 | 13.0 | 11.6 | 10.1 | 8.7 |
| Nominal Grid Voltage (V) | 230 / 400 (3L/N/PE) | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Power factor | >0.99 (adjustable+/-0.9) | | | | |
| Topology | Transformerless | | | | |
| Operating temperature range | -25 ~ 65°C | | | | |
| Degree of protection | IP65 | | | | |

| Product Model | SUN-15K-G03 | SUN-12K-G03 | SUN-4K-G03 | SUN-5K-G03 |
|--------------------------------|--------------------------|-------------|-------------|------------|
| Input (DC) | | | | |
| Max.DC Input Power (kW) | 18 | 15.6 | 6 | 7.8 |
| Max.DC Voltage (V) | 1000 | | | |
| MPPT Voltage Range (V) | 140 – 1000 | | | |
| MAX input current per MPPT (A) | 12.5 + 25 | | 12.5 + 12.5 | |
| Output (AC) | | | | |
| Max AC Output power (kW) | 16.5 | 13.2 | 4.5 | 5.9 |
| Rated AC Output power (kW) | 15 | 12 | 4 | 5 |
| Max AC Output Current (A) | 24 | 19.14 | 6.7 | 8.5 |
| Rated AC Output Current (A) | 21.8 | 17.4 | 5.8 | 7.2 |
| Nominal Grid Voltage (V) | 230 / 400 (3L/N/PE) | | | |
| Nominal Frequency (Hz) | 50 | | | |
| Power factor | >0.99 (adjustable+/-0.9) | | | |
| Topology | Transformerless | | | |
| Operating temperature range | -25 ~ 65°C | | | |
| Degree of protection | IP65 | | | |



| Product Model | SUN-3.2K-G03 | SUN-3K-G03-1 |
|--------------------------------|--------------------------|--------------|
| Input (DC) | | |
| Max.DC Input Power (kW) | 4.8 | 4.8 |
| Max.DC Voltage (V) | 1000 | |
| MPPT Voltage Range (V) | 140 - 1000 | |
| MAX input current per MPPT (A) | 12.5 + 12.5 | 12.5 |
| Output (AC) | | |
| Max AC Output power (kW) | 3.5 | 3.5 |
| Rated AC Output power (kW) | 3.2 | 3.2 |
| Max AC Output Current (A) | 5.3 | 5.3 |
| Rated AC Output Current (A) | 4.6 | 4.6 |
| Nominal Grid Voltage (V) | 230 / 400 (3L/N/PE) | |
| Nominal Frequency (Hz) | 50 | |
| Power factor | >0.99 (adjustable+/-0.9) | |
| Topology | Transformerless | |
| Operating temperature range | -25 ~ 65°C | |
| Degree of protection | IP65 | |

