

Certificate of Conformity

By the product certificate number

No: 2620/0300-CER

Issued to

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

Trademark  Deye 德業

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 Solar Grid-tied Inverter

Models SUN-1K-G / SUN-2K-G / SUN-2.5K-G / SUN-3K-G / SUN-3.6K-G / SUN-4.2K-G / SUN-5K-G / SUN-6K-G

Technical Data	Rated Active Power	See page 2
	Rated Voltage	230 V
	Rated Frequency	50 Hz
	Firmware version	DSP: Ver0218 LCD: Ver5129
	Number of phases	Single phase (L/N/PE)
	Isolation transformer	NO

(See further information about rating characteristics in the page 2)

Is in compliance with

Regulation 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 is valid until: 23rd of September 2023.

First issued on: 23rd of September 2020.

Madrid, 23rd September 2020

Daniel Arranz Muñiz
Certification Manager



Full list of rated characteristics of certified models:

Product Model	SUN-6K-G	SUN-5K-G	SUN-4.2K-G	SUN-3.6K-G
Input (DC)				
Max.DC Input Power (kW)	6.6	6.5	5.2	4.68
Max.DC Voltage (V)	500			
MPPT Voltage Range (V)	100~500			
Full load DC voltage range (V)	250~500			
Max. input current per MPPT (A)	2* 12.5			
Max. short circuit input current (A)	2* 16			
Number of MPPT/ Strings per MPPT	2 / 1			
Output (AC)				
Max AC Output power (kW)	6.6	5.5	4.4	3.96
Rated AC Output power (kW)	6	5	4	3.6
Max AC Output Current (A)	29	24	19.2	18
Rated AC Output Current (A)	26	22	17.4	16
Nominal Grid Voltage (V)	230 (L/N/PE)			
Nominal Frequency (Hz)	50			
Power factor	>0.99 (adjustable ± 0.8)			
Topology	Transformerless			
Operating temperature range	-25 ~ 60 °C			
Degree of protection	IP65			
Protection Level	Class I			

Product Model	SUN-3K-G	SUN-2.5K-G	SUN-2K-G	SUN-1K-G
Input (DC)				
Max.DC Input Power (kW)	3.6	3	2.6	1.3
Max.DC Voltage (V)	500			
MPPT Voltage Range (V)	100~500			70~500
Full load DC voltage range (V)	250~500			
Max. input current per MPPT (A)	12.5			
Max. short circuit input current (A)	16			
Number of MPPT/ Strings per MPPT	1 / 1			
Output (AC)				
Max AC Output power (kW)	3.3	2.75	2.2	1.1
Rated AC Output power (kW)	3	2.5	2	1
Max AC Output Current (A)	14	12	9.6	4.7
Rated AC Output Current (A)	13	11	8.7	4.3
Nominal Grid Voltage (V)	230 (L/N/PE)			
Nominal Frequency (Hz)	50			
Power factor	> 0.99 (adjustable ± 0.8)			
Topology	Transformerless			
Operating temperature range	-25 ~ 60 °C			
Degree of protection	IP65			
Protection Level	Class I			

