

# Certificate of Conformity

By the product certificate number:

No. 2618/0359/IND-E3-CER/E2

Issued to:

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

Trademark:



Contract number: 801868

It is certified that the product:

Type of generating unit: Utility Interactive Inverter

Models: SUN-6.2K-G03 / SUN-5.2K-G03 / SUN-4.2K-G03 / SUN-3.6K-G03 / SUN-3K-G03 / SUN-2.2K-G03 /  
SUN-1.5K-G03 / SUN-6K-G / SUN-5K-G / SUN-4.2K-G / SUN-3.6K-G / SUN-3K-G / SUN-2K-G / SUN-1K-G /  
SUN-6K-G03 / SUN-5K-G03 / SUN-4K-G03 / SUN-3.3K-G03 / SUN-2.7K-G03

Technical Data:	Nominal power [kW]	See page 2
	Nominal voltage [V]	230 V <sub>ac</sub>
	Nominal frequency [Hz]	50 Hz
	Firmware version	Display software version: Ver 144 Control software version: Ver 3109
	Number of phases	Single Phase
	Isolation Transformer	No

This certificate of conformity confirms that one sample of the above-mentioned product is in compliance with:

- IEC 60068-2-1:2007. Environmental testing. Part 2-1: Tests. Test Ae: Cold.
- IEC 60068-2-2:2007. Environmental testing. Part 2-2: Tests. Test Be: Dry heat.
- IEC 60068-2-14:2009. Environmental testing. Part 2-14: Tests. Test Nb: Change of temperature.
- IEC 60068-2-30:2005. Environmental testing. Part 2-30: Tests. Test Db-Variant 1: Damp heat, cyclic (12 h + 12 h cycle).
- IEC 61683:1999. Photovoltaics systems - Power conditioners - Procedure for measuring efficiency.
- IEC 62116:2014. Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
- IEC 61727:2004. Photovoltaics (PV) systems – Characteristics of the utility interface

This certificate of conformity is based upon the test results of the test reports number below detailed and is only valid when the product is manufactured in accordance with the tested sample.

- 2218 / 0359 – A – E3 for IEC 61727:2004
- 2218 / 0359 – B – E3 for IEC 62116:2014
- 2218 / 0359 – C – E3 for IEC 60068-2-1:2007; IEC 60068-2-2:2007; IEC 60068-2-14:2009; IEC 60068-2-30:2005
- 2218 / 0359 – D – E3 for IEC 61683:1999

First issued on 20<sup>th</sup> March 2023

This certificate is valid until 22<sup>nd</sup> June 2028

Madrid, 20<sup>th</sup> March 2023



Daniel Arranz Muñiz  
Certification Manager





**Full list of product references and nominal characteristics:**

Model	SUN-6.2K-G03	SUN-5.2K-G03	SUN-4.2K-G03	SUN-3.6K-G03	SUN-3K-G03	SUN-2.2K-G03	SUN-1.5K-G03
Input DC							
Max. input current	10 A*2	10 A*2	10 A*2	10 A*2	10 A <sub>dc</sub>	10 A <sub>dc</sub>	10 A <sub>dc</sub>
Max.DC Voltage	600 V <sub>dc</sub>				500 V <sub>dc</sub>		
MPPT Voltage Range	100-550 V <sub>dc</sub>				100-500 V <sub>dc</sub>		
Output AC							
Rated AC Output power	6 kW	5 kW	4 kW	3.6 kW	3 kW	2 kW	1 kW
Nominal Grid Voltage	L/N/PE, 230V <sub>ac</sub>						
Nominal Frequency	50Hz						

Model	SUN-6K-G	SUN-5K-G	SUN-4.2K-G	SUN-3.6K-G	SUN-3K-G	SUN-2K-G	SUN-1K-G
Input DC							
Max. input current	10 A*2	10 A*2	10 A*2	10 A*2	10 A <sub>dc</sub> .	10 A <sub>dc</sub>	10 A <sub>dc</sub>
Max.DC Voltage	600 V <sub>dc</sub>				500 V <sub>dc</sub>		
MPPT Voltage Range	100-550 V <sub>dc</sub>				100-500 V <sub>dc</sub>		
Output AC							
Rated AC Output power	6 kW	5 kW	4 kW	3.6 kW	3 kW	2 kW	1 kW
Nominal Grid Voltage	L/N/PE, 230V <sub>ac</sub>						
Nominal Frequency	50Hz						

Model	SUN-6K-G03	SUN-5K-G03	SUN-4K-G03	SUN-3.3K-G03	SUN-2.7K-G03
Input DC					
Max. input current	10 A*2	10 A*2	10 A*2	10 A*2	10 A <sub>dc</sub>
Max.DC Voltage	600 V <sub>dc</sub>				500 V <sub>dc</sub>
MPPT Voltage Range	100-550 V <sub>dc</sub>				100-500 V <sub>dc</sub>
Output AC					
Rated AC Output power	6 kW	5 kW	4 kW	3.6 kW	3 kW
Nominal Grid Voltage	L/N/PE, 230V <sub>ac</sub>				
Nominal Frequency	50Hz				

