

Certificate of Conformity

Product certificate number

No. 2622/0511-D-CER

Issued to:

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 generating unit: Grid-connected PV Inverter

Models SUN-18K-G04 / SUN-20K-G04 / SUN-25K-G04 / SUN-30K-G04 /
SUN-33K-G04 / SUN-35K-G04 / SUN-36K-G04

Technical Data		
Nominal power		See page 2
Nominal voltage		3L/N/PE; 230 V / 400 V
Nominal frequency		50 Hz / 60 Hz
Firmware version		Ver 3172
Number of phases		Tree Phases
Isolation Transformer		No

Is in compliance with the standards:

- IEC 60068-2-1: 2007**
Environmental testing. Part 2-1. Test Ae: Cold
- IEC 60068-2-2: 2007**
Environmental testing. Part 2-2. Test Be: Dry heat
- IEC 60068-2-14: 2009**
Environmental testing. Part 2-14. Test Na Changes of temperature
- IEC 60068-2-30: 2005**
Environmental testing. Part 2-30. Test Db – Variant 2: Damp heat, cyclic (12 h + 12 h)

This certificate is based upon the test results of the Test Report n° GZES211002949004. This report confirms that one sample of the above-mentioned products has been tested with positive result against the requirements of these IEC standards for environmental conditions.

The above-mentioned generating unit is certified according to the SGS internal process 4 based on the requirements of the UNE-EN ISO/IEC 17065.

First issued on 04th January 2023

This certificate is valid until 04th January 2028

Madrid, 04th January 2023

Daniel Arranz Muñoz
Certification Manager



Full list of product references and nominal characteristics:

Model	SUN-18K-G04	SUN-20K-G04	SUN-25K-G04
Input (DC)			
Max. input current [A]	32*2		
Max.DC Voltage [V]	1000		
MPPT Voltage Range [V]	200~850		
Full load DC Voltage Range [V]	500~850	550~850	
Output (AC)			
Rated AC Output Power [W]	18000	20000	25000
Max AC Output Power [W]	19800	22000	27500
Nominal AC output current [A]	26.1	29.0	36.2
Nominal Grid Voltage	3L/N/PE; 230 V _{ac} / 400 V _{ac}		
Nominal Frequency	50 Hz / 60 Hz		

Model	SUN-30K-G04	SUN-33K-G04	SUN-35K-G04	SUN-36K-G04
Input (DC)				
Max. input current [A]	40*2			
Max.DC Voltage [V]	1000			
MPPT Voltage Range [V]	200~850			
Full load DC Voltage Range [V]	480~850	500~850		
Output (AC)				
Rated AC Output Power [W]	30000	33000	35000	36000
Max AC Output Power [W]	33000	36300	38500	39600
Nominal AC output current [A]	43.5	47.8	50.7	52.2
Nominal Grid Voltage	3L/N/PE; 230 V _{ac} / 400 V _{ac}			
Nominal Frequency	50 Hz / 60 Hz			

