

Certificate of Conformity

Product certificate number

No. 230022RECO07-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: **Single Phase Grid-connected PV Inverter**

Models

SUN-1.5K-G04P1-EU-AM1, SUN-2K-G04P1-EU-AM1, SUN-2.2K-G04P1-EU-AM1, SUN-2.5K-G04P1-EU-AM1, SUN-2.7K-G04P1-EU-AM1, SUN-3K-G04P1-EU-AM1, SUN-3.3K-G04P1-EU-AM1, SUN-3.6K-G04P1-EU-AM1, SUN-4K-G04P1-EU-AM1.

Technical Data

Nominal power	See page 2
Nominal voltage	L/N/PE; 230 V
Nominal frequency	50 Hz / 60 Hz
Firmware version	6256
Number of phases	Single Phase
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 nº GZES220400692604. 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 16th May 2023

This certificate is valid until 16th May 2028

Madrid, 16th May 2023

Daniel Arranz Muñiz
Certification Manager



Full list of product references and nominal characteristics:

Model	SUN-1.5K-G04P1-EU-AM1	SUN-2K-G04P1-EU-AM1	SUN-2.2K-G04P1-EU-AM1	SUN-2.5K-G04P1-EU-AM1
PV Input				
Rated input voltage (V)	360			
MPPT operating voltage range (V)	70~500			
Max. input current (A)	13			
Max. short current (A)	19.5			
AC Output				
Rated AC power (kW)	1.5	2	2.2	2.5
Max. AC power (kW)	1.65	2.2	2.42	2.75
Rated AC current (A)	6.5	8.7	9.6	10.9
Max. AC current (A)	7.2	9.6	10.6	12

Model	SUN-2.7K-G04P1-EU-AM1	SUN-3K-G04P1-EU-AM1	SUN-3.3K-G04P1-EU-AM1	SUN-3.6K-G04P1-EU-AM1	SUN-4K-G04P1-EU-AM1
PV Input					
Rated input voltage(V)	360				420
MPPT operating voltage range(V)	70~500				
Max. input current(A)	13				
Max. short current(A)	19.5				
AC Output					
Rated AC power(kW)	2.7	3	3.3	3.6	4
Max. AC power(kW)	2.97	3.3	3.63	3.96	4.4
Rated AC current(A)	11.8	13.1	14.4	15.7	17.4
Max. AC current(A)	13.0	14.4	15.8	17.3	19.2

