

CERTIFICATE OF CONFORMITY

Certificate number

No: 2618/0359/IND-E1-CER

Holder

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

Trademark



Tested model

SUN-6K-G

Variant models

SUN-5K-G / SUN-4.2K-G / SUN-3.6K-G / SUN-3K-G / SUN-2K-G / SUN-1K-G

Type of generating unit

Utility Interactive Inverter

Technical Data

Nominal Power [kW]	6	5	4	3.6	3	2	1
Nominal Voltage [V]	230						
Nominal Frequency [Hz]	50						
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 – E1 for **IEC 61727:2004**
- 2218 / 0359 – B – E1 for **IEC 62116:2014**
- 2218 / 0359 – C – E1 for **IEC 61683:1999**
- 2218 / 0359 – D – E1 for **IEC 60068-2-1:2007; IEC 60068-2-2:2007; IEC 60068-2-14:2009; IEC 60068-2-30:2005**

This certificate will expire in 5 years from the release date of these test reports, issued the 22th June of 2018.
This certificate cancels and supersedes the certificate n° 2618/0359/IND-CER.

Madrid, 5th of December 2019

Daniel Arranz Muñiz
Certification Manager

