

CERTIFICATE OF CONFORMITY

Test Certificate number

No: 2618/0092/IND-M1-E1-CER

Holder

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

Trademark



Tested model

SUN-50K-G

Variant models

SUN-25K-G / SUN-30K-G / SUN-33K-G / SUN-35K-G / SUN-40K-G

Type of generating unit

Utility Interactive Inverter

Technical Data

Nominal Power [kW]	25	30	33	35	40	50
Nominal Voltage [V]	230 / 400					
Nominal Frequency [Hz]	50 / 60					
Firmware version	Display software version: Ver 136 Control software version: Ver 1502					
Number of phases	Three phases					
Isolation transformer	NO					

This test 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 test certificate of conformity cancels and supersedes previous certificate of conformity 2618/0092/IND-M1-CER and it 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 / 0092 – A – M1-E1 for **IEC 61727:2004**
- 2218 / 0092 – B – M1-E1 for **IEC 62116:2014**
- 2218 / 0092 – C – M1-E1 for **IEC 60068-2-1:2007; IEC 60068-2-2:2007; IEC 60068-2-14:2009; IEC 60068-2-30:2005**
- 2218 / 0092 – D – M1-E1 for **IEC 61683:1999**

This certificate will expire in 5 years from the release date of these tests reports, issued the 20th April of 2018.

Madrid, 16th of September 2019

Daniel Arranz Muñiz
Certification Manager

