

Certificate of Conformity

Product certificate number

No. 230022RECO11-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: **Hybrid inverter**

Models **SUN-29.9K-SG01HP3-EU-BM3, SUN-30K-SG01HP3-EU-BM3,
SUN-35K-SG01HP3-EU-BM3, SUN-40K-SG01HP3-EU-BM4, SUN-50K-SG01HP3-EU-BM4.**

Technical Data	Nominal power	See page 2
	Nominal voltage	3/N/PE, 230/400 V
	Nominal frequency	50 Hz / 60 Hz
	Firmware version	MAIN: Ver 3102
	Number of phases	Three 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 GZES221102230704 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-29.9K-SG01HP3-EU-BM3	SUN-30K-SG01HP3-EU-BM3	SUN-35K-SG01HP3-EU-BM3	SUN-40K-SG01HP3-EU-BM4	SUN-50K-SG01HP3-EU-BM4
PV Input					
Rated input voltage	600 V				
MPPT operating voltage range	150~850 V				
Max. input current	36/36/36 A			36/36/36/36 A	
Max. short current	55/55/55 A			55/55/55/55 A	
Battery Input					
Battery Type	Li-Ion				
Battery Voltage Range	160~800 V				
Max. Charging Current	50/50 A				
Max. Discharging Current	50/50 A				
AC Output					
Rated AC power	29900 W	30000 W	35000 W	40000 W	50000 W
Max. AC power	29900 VA	33000 VA	38500 VA	44000 VA	55000 VA
Rated AC current	43.4 A	43.5 A	50.8 A	58.0 A	72.5 A
Max. AC current	43.4 A	47.9 A	55.8 A	63.8 A	79.8 A

