

Certificate of Conformity

Product certificate number

No. 230022REC011-CER

Issued to:

Holder:

NingBo Deye Inverter Technology Co., Ltd.

No.26 South YongJiang Road, Dagi, Beilun, NingBo, China

Trademark:

Deye

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.

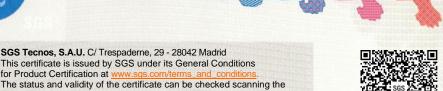
The above-mentioned generating unit is certified according to the SGS internal process 4 based on the requirements of the UNE-EN ISO/IEC 17065.

First issued on 16th May 2023 This certificate is valid until 16th May 2028

Madrid, 16th May 2023

Daniel Arranz Muñiz Certification Manager





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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-lon				
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



