

# Certificate of Conformity

By the product certificate number:

No. 230022RECO22-CER

Issued to:

License holder:

**NingBo Deye Inverter Technology Co., Ltd.**  
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, Zhejiang, China

Trademark:



Manufacturer:

**NingBo Deye Inverter Technology Co., Ltd.**  
No. 26 South YongJiang Road, Daqi, Beilun Area, 315806, NingBo, Zhejiang, China

It is certified that the product:

Type of generating unit: **Grid-connected PV Inverter**

Models:	SUN-120K- G01P3-EU-AM8	SUN-125K- G01P3-EU-AM8	SUN-130K- G01P3-EU-AM8	SUN-135K- G01P3-EU-AM8	SUN-136K- G01P3-EU-AM8
Technical Data:					
Nominal power	120 kW	125 kW	130 kW	135 kW	136 kW
Nominal voltage			230 / 400 V <sub>ac</sub>		
Nominal frequency			50 Hz		
Firmware version			Inv5531-0115		
Number of phases			Three Phase [3/N/PE]		
Isolation Transformer			No		

Is in compliance with the standard:

**IEC 61683:1999.** "Photovoltaic systems. Power conditioners. Procedure for measuring efficiency."

This certificate is based upon the test results of the Test Report GZES230400678403 <sup>(1)</sup>

<sup>(1)</sup> The tests shown in this test report are carried out at a frequency of 50 Hz.

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-33 based on the requirements of the UNE-EN ISO / IEC 17065.

First issued on 06<sup>th</sup> February 2024.

This certificate is valid until 06<sup>th</sup> February 2029.

Madrid, 06<sup>th</sup> February 2024.

Daniel Arranz Muñiz  
Certification Manager





## Summary of efficiency results measured for the tested models:

These efficiency results are representatives for the referred models with a testing frequency of 50 Hz.

Power conditioner type – Grid Connected

SUN-120K-G01P3-EU-AM8					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	97.1%	97.6%	97.5%	97.4%	97.2%
Nominal input voltage <sup>(2)</sup>	97.5%	98.2%	98.1%	97.8%	97.5%
90% of the maximum rated input voltage <sup>(3)</sup>	97.2%	98.1%	98.0%	97.7%	97.5%

<sup>(1)</sup> 550 V; <sup>(2)</sup> 600 V; <sup>(3)</sup> 850 V

SUN-125K-G01P3-EU-AM8					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	97.3%	97.8%	97.6%	97.6%	97.4%
Nominal input voltage <sup>(2)</sup>	97.6%	98.3%	98.3%	98.0%	97.7%
90% of the maximum rated input voltage <sup>(3)</sup>	97.3%	98.4%	98.2%	97.9%	97.7%

<sup>(1)</sup> 550 V; <sup>(2)</sup> 600 V; <sup>(3)</sup> 850 V

SUN-130K-G01P3-EU-AM8					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	97.5%	97.9%	97.9%	97.8%	97.6%
Nominal input voltage <sup>(2)</sup>	97.4%	98.7%	98.5%	98.2%	97.9%
90% of the maximum rated input voltage <sup>(3)</sup>	97.6%	98.5%	98.4%	98.1%	97.9%

<sup>(1)</sup> 550 V; <sup>(2)</sup> 600 V; <sup>(3)</sup> 850 V

SUN-135K-G01P3-EU-AM8					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	97.5%	98.1%	98.1%	98.0%	97.8%
Nominal input voltage <sup>(2)</sup>	97.8%	98.8%	98.6%	98.4%	98.1%
90% of the maximum rated input voltage <sup>(3)</sup>	97.8%	98.7%	98.6%	98.3%	98.1%

<sup>(1)</sup> 550 V; <sup>(2)</sup> 600 V; <sup>(3)</sup> 850 V

SUN-136K-G01P3-EU-AM8					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	98.1%	98.4%	98.3%	98.2%	98.0%
Nominal input voltage <sup>(2)</sup>	98.1%	99.0%	98.9%	98.6%	98.3%
90% of the maximum rated input voltage <sup>(3)</sup>	97.8%	98.8%	98.8%	98.5%	98.3%

<sup>(1)</sup> 550 V; <sup>(2)</sup> 600 V; <sup>(3)</sup> 850 V

