

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 Deve 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 G01P3-EU-AM8

SUN-125K-

SUN-130K-G01P3-EU-AM8 SUN-135K-

SUN-136K-G01P3-EU-AM8 G01P3-EU-AM8

Technical Data:

Nominal power

120 kW

125 kW

130 kW

135 kW

136 kW

Nominal voltage

230 / 400 Vac

Nominal frequency

50 Hz

Firmware version **Number of phases** Inv5531-0115

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 (1)

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

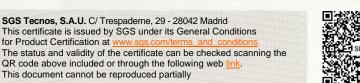
The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-33 based on the requirements of the UNE-EN ISO / IEC 17065.

First issued on 06th February 2024. This certificate is valid until 06th February 2029.

Madrid, 06th February 2024.

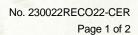
Daniel Arranz Muñiz Certification Manager













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 (1)	97.1%	97.6%	97.5%	97.4%	97.2%	
Nominal input voltage (2)	97.5%	98.2%	98.1%	97.8%	97.5%	
90% of the maximum rated input voltage (3)	97.2%	98.1%	98.0%	97.7%	97.5%	

(1) 550 V; (2) 600 V; (3) 850 V

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

(1) 550 V; (2) 600 V; (3) 850 V

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

(1) 550 V; (2) 600 V; (3) 850 V

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

(1) 550 V; (2) 600 V; (3) 850 V

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

(1) 550 V; (2) 600 V; (3) 850 V



