

Certificate of Conformity

By the product certificate number:

No. 2618/0978-C-CER/E2

Issued to:

License 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: **Utility Interactive Inverter**

Models:	SUN-60K-G SUN-56K-G	SUN-70K-G	SUN-75K-G	SUN-80K-G
Technical data:				
Nominal power [W]	60 kW	70 kW	75 kW	80 kW
Nominal voltage [V]			230/400 V _{AC}	
Nominal frequency [Hz]			50/60 Hz	
Firmware version			Display software version: Ver 150 Control software version: Ver 1702	
Number of phases			Three-phase (3L/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 2218/0978-C-E1 ⁽¹⁾.

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

The production of the above-mentioned units is covered by this certificate when they are manufactured in the addressed factory location as identical to the tested sample and remains in compliance with referred standards.

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.

This certificate is first issued on 16th November 2018.

This certificate is valid until 16th November 2031.

Madrid, 9th April 2026

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 50Hz.

Power conditioner type – Grid-connected

SUN-60K-G					
Test condition	10 %Sn	25 %Sn	50 %Sn	75 %Sn	100 %Sn
Minimum rated input voltage ⁽¹⁾	96.4 %	97.4 %	98.5 %	98.8 %	98.4 %
Nominal input voltage ⁽²⁾	97.2 %	97.7 %	98.3 %	98.5 %	98.3 %
90 % of the maximum rated input voltage ⁽³⁾	97.2 %	98.1 %	98.1 %	98.6 %	98.2 %

⁽¹⁾ 720 V; ⁽²⁾ 780 V; ⁽³⁾ 850 V

SUN-70K-G					
Test condition	10 %Sn	25 %Sn	50 %Sn	75 %Sn	100 %Sn
Minimum rated input voltage ⁽¹⁾	97.6 %	98.1 %	98.5 %	98.8 %	98.4 %
Nominal input voltage ⁽²⁾	96.8 %	97.7 %	98.2 %	98.6 %	98.2 %
90 % of the maximum rated input voltage ⁽³⁾	97.6 %	98.1 %	98.0 %	98.6 %	98.2 %

⁽¹⁾ 720 V; ⁽²⁾ 780 V; ⁽³⁾ 850 V

SUN-75K-G					
Test condition	10% Sn	25 %Sn	50 %Sn	75 %Sn	100 %Sn
Minimum rated input voltage ⁽¹⁾	97.0 %	97.9 %	98.5 %	98.9 %	98.4 %
Nominal input voltage ⁽²⁾	97.7 %	97.9 %	98.3 %	98.7 %	98.3 %
90 % of the maximum rated input voltage ⁽³⁾	97.0 %	97.7 %	98.3 %	98.4 %	98.2 %

⁽¹⁾ 720 V; ⁽²⁾ 780 V; ⁽³⁾ 850 V

SUN-80K-G					
Test condition	10 %Sn	25 %Sn	50 %Sn	75 %Sn	100 %Sn
Minimum rated input voltage ⁽¹⁾	97.2 %	98.0 %	98.4 %	98.4 %	98.3 %
Nominal input voltage ⁽²⁾	97.2 %	98.0 %	98.4 %	98.6 %	98.2 %
90 % of the maximum rated input voltage ⁽³⁾	97.2 %	98.0 %	98.3 %	98.4 %	98.2 %

⁽¹⁾ 720 V; ⁽²⁾ 780 V; ⁽³⁾ 850 V

