

Certificate of Conformity

By the product certificate number:

No. 2622/0429-B-CER

Issued to:

License 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-12K-SG01LP1-EU	SUN-14K-SG01LP1-EU	SUN-16K-SG01LP1-EU		
Technical Data:	Nominal power [W]	12000	14000	16000		
recimical Data.	Nominal voltage [V]	230	230	230		
	Nominal frequency [Hz]	50	50	50		
	Firmware version	Main Software version: Ver 0-9016-1725; HMI version: Ver 0000-c358				
	Number of phases	Single Phase				
	Isolation Transformer		No			

Is in compliance with the standard:

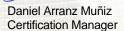
IEC 61683:1999. "Photovoltaic systems. Power conditioners. Procedure for measuring efficiency".

This certificate is based upon the test results of the Test Report GZES220300425002

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 28th October 2022 This certificate is valid until 28th October 2027

Madrid, 28th October 2022













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-12K-SG01LP1-EU					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage (1)	93.2%	97.1%	96.8%	96.5%	96.3%
Nominal input voltage (2)	93.4%	97.5%	97.2%	96.7%	96.4%
90% of the maximum rated input voltage (3)	93.5%	97.1%	96.9%	96.7%	96.3%

(1) 250 V; (2) 370 V; (3) 425 V

SUN-14K-SG01LP1-EU					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage (1)	92.7%	97.2%	96.8%	96.6%	96.2%
Nominal input voltage (2)	93.7%	97.5%	97.1%	96.6%	96.5%
90% of the maximum rated input voltage (3)	93.7%	97.2%	96.9%	96.7%	96.4%

(1) 250 V; (2) 370 V; (3) 425 V

SUN-16K-SG01LP1-EU					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage (1)	93.4%	97.2%	96.7%	96.4%	96.1%
Nominal input voltage (2)	93.9%	97.4%	97.0%	96.6%	96.3%
90% of the maximum rated input voltage (3)	93.4%	97.3%	96.9%	96.5%	96.3%

(1) 250 V; (2) 370 V; (3) 425 V



