

VERIFICATION OF COMPLIANCE


No.: LVD GZES1909024472PV

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

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

Product Description: PV Solar Grid Tie Inverter

Model No.: SUN-18K-G03, SUN-15K-G03, SUN-12K-G03, SUN-10K-G03,
SUN-8K-G03, SUN-7K-G03, SUN-6K-G03, SUN-5K-G03

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Degree of Protection: IP 65

Additional Information: Firmware version: Display software version: Ver 0208,
Control software version: Ver 1813

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN 62109-1:2010
EN 62109-2:2011

as shown in the

Test Report Number(s): GZES190902447201, GZES190902447201

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David Guo
Senior Technical Manager
SGS-CSTC



2019-10-11

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Other information added:

Rating:

Model Number	SUN-18K-G03	SUN-15K-G03	SUN-12K-G03	SUN-10K-G03
Max. input voltage	1000Vdc			
Full load MPPT Voltage Range	200V-850Vdc			
Max. Input DC Current	20A/20A	10A/20A	10A/20A	10A/10A
Rated grid voltage	3P/PE 400Vac			
Rated grid frequency	50Hz / 60Hz			
Rated output power	18kW	15kW	12kW	10kW
Rated output current	26.1Aa.c x3	21.7Aa.c. x3	17.4Aa.c. x3	14.5Aa.c. x3
Power factor	0.9 leading to 0.9 lagging	0.9 leading to 0.9 lagging	0.9 leading to 0.9 lagging	0.9 leading to 0.9 lagging
Ambient temperature	-25°C~60°C			
Ingress protection	IP65			
Protective class	Class I			

Model Number	SUN-8K-G03	SUN-7K-G03	SUN-6K-G03	SUN-5K-G03
Max. input voltage	1000Vdc			
Full load MPPT Voltage Range	200V-850Vdc			
Max. Input DC Current	10A/10A	10A/10A	10A/10A	10A/10A
Rated grid voltage	3P/PE 400Vac			
Rated grid frequency	50Hz / 60Hz			
Rated output power	8kW	7kW	6kW	10kW
Rated output current	11.6Aa.c x3	10.1Aa.c. x3	8.7Aa.c. x3	7.2Aa.c. x3
Power factor	0.9 leading to 0.9 lagging	0.9 leading to 0.9 lagging	0.9 leading to 0.9 lagging	0.9 leading to 0.9 lagging
Ambient temperature	-25°C~60°C			
Ingress protection	IP65			
Protective class	Class I			

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