



## VERIFICATION OF COMPLIANCE

No.: 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 Name: PV Solar Grid Tie Inverter

Product Description: Inverter used in PV system

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

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65  
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: IEC 62109-1:2010  
IEC 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 specific standards.

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			
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			
Ambient temperature	-25°C~60°C			
Ingress protection	IP65			
Protective class	Class I			

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