



VERIFICATION OF COMPLIANCE


No.: GZES2104015686PV

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-tied Inverter

Model No.: SUN-3K-G03, SUN-3K-G03-1, SUN-3.2K-G03, SUN-4K-G03,
SUN-5K-G03, SUN-6K-G03, SUN-7K-G03, SUN-8K-G03,
SUN-9K-G03, SUN-10K-G03, SUN-12K-G03, SUN-15K-G03;

Trade Mark: 

Rating: Refer to page 2 and 3

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP65

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

Test Standard: VDE 0126-1-1:2013
as shown in the

Test Report Number(s): GZES210401568601

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



2021-04-28

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Other information added:

Rating:

Product Model	SUN-3.2K-G03	SUN-3K-G03-1	SUN-3K-G03
Input (DC)			
Max.DC Input Power (kW)	4.8	4.8	4.8
Max.DC Voltage (V)	1000		
MPPT Voltage Range (V)	140 - 1000		
MAX input current per MPPT (A)	12.5 + 12.5	12.5	12.5 + 12.5
Output (AC)			
Max AC Output power (kW)	3.5	3.5	3.5
Rated AC Output power (kW)	3.2	3.2	3.2
Max AC Output Current (A)	5.3	5.3	5.3
Rated AC Output Current (A)	4.6	4.6	4.6
Nominal Grid Voltage (V)	230/400 (3L/N/PE)		
Nominal Frequency (Hz)	50		
Power factor	>0.99 (adjustable+/-0.9)		
Topology	Transformerless		
Operating temperature range	-25 °C - 65 °C		
Degree of protection	IP65		



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Product Model	SUN-4K-G03	SUN-5K-G03	SUN-6K-G03	SUN-7K-G03	SUN-8K-G03
Input (DC)					
Max.DC Input Power (kW)	6.0	7.8	9.0	10.0	10.4
Max.DC Voltage (V)	1000				
MPPT Voltage Range (V)	140 – 1000				
MAX input current per MPPT (A)	12.5 + 12.5				
Output (AC)					
Max AC Output power (kW)	4.5	5.9	6.6	7.7	8.8
Rated AC Output power (kW)	4.0	5.0	6.0	7.0	8.0
Max AC Output Current (A)	6.7	8.5	10.0	11.11	12.76
Rated AC Output Current (A)	5.8	7.2	8.7	10.1	11.6
Nominal Grid Voltage (V)	230/400 (3L/N/PE)				
Nominal Frequency (Hz)	50				
Power factor	>0.99 (adjustable+/-0.9)				
Topology	Transformerless				
Operating temperature range	-25 °C - 65 °C				
Degree of protection	IP65				

Product Model	SUN-9K-G03	SUN-10K-G03	SUN-12K-G03	SUN-15K-G03
Input (DC)				
Max.DC Input Power (kW)	11.7	12.0	15.6	18.0
Max.DC Voltage (V)	1000			
MPPT Voltage Range (V)	140 – 1000			
MAX input current per MPPT (A)	12.5 + 12.5		12.5 + 25	
Output (AC)				
Max AC Output power (kW)	9.9	11.0	13.2	16.5
Rated AC Output power (kW)	9.0	10.0	12.0	15.0
Max AC Output Current (A)	14.3	16.0	19.14	24.0
Rated AC Output Current (A)	13	14.5	17.4	21.8
Nominal Grid Voltage (V)	230/400 (3L/N/PE)			
Nominal Frequency (Hz)	50			
Power factor	>0.99 (adjustable+/-0.9)			
Topology	Transformerless			
Operating temperature range	-25 °C - 65 °C			
Degree of protection	IP65			

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