

VERIFICATION OF COMPLIANCE

No.: GZES2104016969PV


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: Single phase Utility interactive inverter

Product Description: Inverter used in PV system

Model No.: SUN-1K-G, SUN-1.5K-G, SUN-2K-G, SUN-2.5K-G,
SUN-3K-G, SUN-3.6K-G, SUN-4.2K-G, SUN-5K-G, SUN-6K-G;

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Degree of Protection: IP 65

Additional Information: N/A

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): GZES210401696901, GZES210401696902

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

2021-04-29

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Member of SGS Group (Société Générale de Surveillance)

No.:

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Other information added :

Rating:

Model Number	SUN-1K-G	SUN-1.5K-G	SUN-2K-G	SUN-2.5K-G	SUN-3K-G	SUN-3.6K-G	SUN-4K-G	SUN-5K-G	SUN-6K-G
Input (DC)									
Max. input power	1.4kW	2.0kW	2.8kW	3.0kW	4.2kW	4.7kW	5.2kW	6.5kW	6.6kW
Max. input voltage	550V								
Max. input current	12.5A					12.5A+12.5A			
Start-up input voltage	70Vd.c.	80Vd.c.							
MPPT voltage range	50V~550V				70V~550V				
Output (AC)									
Rated grid voltage	230V (L/N/PE)								
Rated grid frequency	50Hz								
Rated output power	1.0kW	1.5kW	2.0kW	2.5kW	3.0kW	3.6kW	4.0kW	5.0kW	6.0kW
Rated output current	4.3A	6.5A	8.7A	11A	13.1A	15.7A	17.4A	21.7A	26.1A
Power factor	>0.99(adjustable+/-0.8)								
Ambient temperature	-25 °C ~60 °C								
Ingress protection	IP65								
Protective class	Class I								




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