



VERIFICATION OF COMPLIANCE

No.: GZES2104015687PV


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 PV Solar Grid-tied 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-4K-G, SUN-5K-G, SUN-6K-G

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: Ver0218
Control software version: Ver5129

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): GZES210401568701

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



2021-05-14

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)



No.:

GZES2104015687PV

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								


 David Guo
 Senior Technical Manager
 SGS-CSTC

2021-05-14

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)