

VERIFICATION OF COMPLIANCE


No.: GZES1912029694PV

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: Three phase Utility interactive inverter

Model No.: SUN-50K-G, SUN-40K-G, SUN-35K-G;
SUN-33K-G, SUN-30K-G SUN-25K-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/EN 62109-1:2010
IEC/EN 62109-2:2011

as shown in the

Test Report Number(s): GZES191202969401, GZES191202969402

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 Gu
Senior Technical Manager
SGS-CSTC



2019-12-31

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Other information added:

Ratings:

Model Number	SUN-25K-G	SUN-30K-G	SUN-33K-G	SUN-35K-G	SUN-40K-G	SUN-50K-G
Max. input power	27.5kW	33 kW	36kW	38.5kW	44kW	55kW
Max. input voltage	1000Vd.c.					
Max. input current	28.5Ad.c. x2	28.5Ad.c.x2	28.5Ad.c. x2	28.5Ad.c. x3	28.5Ad.c. x3	28.5Ad.c. x4
Operating MPPT voltage range	200-1000Vd.c.					
Full load DC Voltage Range	460-850V.d.c					
Rated grid voltage	3P/N/PE 230/400Vac					
Rated grid frequency	50Hz / 60Hz					
Rated output power	25kW	30kW	33kW	35kW	40kW	50kW
Rated output current	36.2Aa.c x3	43.5Aa.c x3	47.8Aa.c x3	50.7Aa.c x3	58.0Aa.c x3	72.4Aa.c x3
Power factor	0.8 leading to 0.8 lagging					
Ambient temperature	-25 °C ~60°C					
Ingress protection	IP65					
Protective class	Class I					

David Guo
Senior Technical Manager
SGS-CSTC



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