

VERIFICATION OF COMPLIANCE

No.: GZES2106020351PV


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 inverter

Product Description: Inverter used in PV system

Model No.: SUN300G3-EU-230, SUN400G3-EU-230, SUN500G3-EU-230,
SUN600G3-EU-230, SUN800G3-EU-230, SUN1000G3-EU-230,
SUN1300G3-EU-230, SUN1600G3-EU-230, SUN1800G3-EU-230,
SUN2000G3-EU-230.

Trade Mark: 

Rating: Refer to page 2 and 3

Protection against Electric Shock: Class I

Degree of Protection: IP 67

Additional Information: Hardware version: Ver2.3
DC Software version: Ver0107, AC Software version: Ver2.5

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): GZES210602035101, GZES210602035102

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

2021-06-17

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Other information added :

Rating:

Model Number	SUN300G3-EU-230	SUN400G3-EU-230	SUN500G3-EU-230	SUN600G3-EU-230	SUN800G3-EU-230	SUN1000G3-EU-230
Input (DC)						
Max. input power	400W	600W	600W	800W	1200W	1200W
Max. input voltage	60V					
MPPT voltage range	25~55V					
Max. input current	13A	13A	13A	13A×2	13A×2	13A×2
Output (AC)						
Rated grid voltage	230V					
Rated grid frequency	50Hz					
Rated output power	300W	400W	500W	600W	800W	1000W
Rated output current	1.3A	1.9A	2.2A	2.6A	3.8A	4.8A
Power factor	>0.99					
Ambient temperature	-40 °C ~65 °C					
Ingress protection	IP67					
Protective class	Class I					



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Model Number	SUN1300G3- EU- 230	SUN1600G3- EU- 230	SUN1800G3- EU- 230	SUN2000G3- EU- 230
Input (DC)				
Max. input power	1600W	2400W	2400W	2400W
Max. input voltage	60V			
MPPT voltage range	25~55V			
Max. input current	13A×4	13A×4	13A×4	13A×4
Output (AC)				
Rated grid voltage	230V			
Rated grid frequency	50Hz			
Rated output power	1300W	1600W	1800W	2000W
Rated output current	6.2A	7.7A	8.6A	9.6A
Power factor	>0.99			
Ambient temperature	-40 °C ~65 °C			
Ingress protection	IP67			
Protective class	Class I			




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