



VERIFICATION OF COMPLIANCE

No.: GZES2104015684PV


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: Three phase Utility interactive inverter

Product Description: Inverter used in PV system

Model No.: SUN-70K-G03, SUN-75K-G03, SUN-80K-G03,
SUN-90K-G03, SUN-100K-G03, SUN-110K-G03

Trade Mark: 

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Degree of Protection: IP 65

Additional Information (if any): Software Version: Ver 3205

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

Test Standard: VDE V 0126-1-1: 2013

as shown in the

Test Report Number(s): GZES210401568401

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



2021-07-30

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Other information added:
Ratings:

Model	SUN-70K-G03	SUN-75K-G03	SUN-80K-G03	SUN-90K-G03	SUN-100K-G03	SUN-110K-G03
DC Input						
Max. DC Power	105kW	112.5kW	120kW	135kW	150kW	165kW
Max. DC voltage	1000V					
Start-up DC Input Voltage	200V					
MPPT voltage range	200V~850V					
Full power MPPT voltage range	460~850V					
Max. input current	40A*4	40A*4	40A*4	40A*6	40A*6	40A*6
AC Output						
Rated power	70kW	75kW	80kW	90kW	100kW	110kW
Max. AC power	77kVA	82.5kVA	88kVA	99kVA	110kVA	121kVA
Rated output current	101.5A	108.7A	115.9A	130.4A	144.9A	159.4A
Max. output current	111.6A	119.6A	127.5A	143.5A	159.4A	175.4A
Nominal grid voltage	3L/N/PE, 230/400V					
Nominal output frequency	50Hz					
Output power factor	1 (Adjustable from 0.8 leading to 0.8 lagging)					
Operating temperature range	-20+65°C (derating at +45°C)					
Ingress protection	IP65					
Protective class	Class I					


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