

VERIFICATION OF COMPLIANCE

No.: LVD GZES2311020027PV

Applicant: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

Manufacturer: NINGBO XINLIAN PV TECHNOLOGY CO., LTD.
No.88 Xinyan East Road, Ditang Town, Yuyao City, Zhejiang, China.

Product Name: Photovoltaic Smart Optimize

Product Description: Photovoltaic Smart Optimize used in PV system

Model No.: SUN-XL02-A, SUN-XL02-B, SUN-XL02-C

Trade Mark:

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class II

Additional Information (if any): IP 68
Serial Number: A123360100
Hardware version: V1.0
Software version: V1.0

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

Test Standard: EN 62109-1:2010

as shown in the

Test Report Number(s): GZES231102002701

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 harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.

David Guo
Senior Technical Manager
SGS-CSTC



2023-11-23

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Other information added :
Ratings

Model	SUN-XL02-A	SUN-XL02-B	SUN-XL02-C
Project			
Maximum input power	700W		
Maximum input voltage	80V		
MPPT voltage range	12-80V		
Maximum input current	15A		
Peak conversion efficiency	99.5%		
Installation specifications dimensions	105*105*22mm		
Weight (g)	600g		
Cable	4.0mm ² , input 70cm, output 100cm		
Connector	MC4 or compatible with MC4		
Operating temperature	-40°C ~ +85°C		
Level of protection	IP68		
Communication mode	Not have	PLC	



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