



## VERIFICATION OF COMPLIANCE

No.: 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, 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: **Deye**

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: IEC 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 specific standards.

  
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
<b>Project</b>			
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 <sup>2</sup> , 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	

  
 David Guo  
 Senior Technical Manager  
 SGS-CSTC



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