

## VERIFICATION OF COMPLIANCE

No.: GZES2506010749PV

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: 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: See page 2

Protection against Electric Shock: Class II

Additional Information (if any): IP68;  
Serial Number: A123360100  
Hardware version: V1.0  
Software version: V1.0  
This verification replaces GZES2311020027PV.

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 Amendment 01

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

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-06-09

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Member of the SGS Group (SGS SA)

No.:

GZES2506010749PV

Other information added:

Rating:

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

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