

## VERIFICATION OF COMPLIANCE

No.: LVD GZES2312021379PV

Applicant: Huizhou Foryou Optoelectronics Technology Co., Ltd.  
Building 6, B Area, No. 1 North Shangxia Road, Dongjiang  
High-Tech Industry Park, Huizhou, Guangdong, China

Manufacturer: Huizhou Foryou Optoelectronics Technology Co., Ltd.  
Building 6, B Area, No. 1 North Shangxia Road, Dongjiang  
High-Tech Industry Park, Huizhou, Guangdong, China

Product Name: Microinverter

Product Description: Microinverter used in PV system

Model No.: ID400A, ID600A, ID800A, ID400D, ID600D, ID800D  
ID400M, ID600M, ID800M

Trade Mark:

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 67  
**Serial Number:** WWA2344068  
**Master Software version:** DH01.001-000-000  
**Safety Firmware version:** V1.6

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

Test Standard: EN 62109-1:2010  
EN 62109-2:2011

as shown in the

Test Report Number(s): GZES231202137901, GZES231202137902

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



2023-12-20

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Other information added :  
Ratings

Model	ID400D, ID400A, ID400M	ID600D, ID600A, ID600M	ID800D, ID800A, ID800M
<b>PV Input</b>			
Number of MPPT Trackers	2		
Max. Input Voltage	60 Vdc		
Start-up Operating Voltage	30 Vdc		
Operating Voltage Range	16V-60 Vdc		
MPPT Voltage Range	33V-55 Vdc		
Max. Input Current	7 A * 2	12 A * 2	14 A * 2
Max. Short Current	15 A * 2	20 A * 2	25 A * 2
<b>AC Output</b>			
Nominal Grid Voltage	L/N/PE, 230Vac		
Nominal Grid Frequency	50 Hz		
Rated AC Power	400 W	600 W	800 W
Max. AC Power	400 VA	600 VA	800 VA
Rated AC Current	1.74 A	2.60 A	3.48 A
Output Power Factor	>0.99		
<b>General Data</b>			
Operating temperature range	-40 °C ~ +65 °C		
Protection degree	IP67		
Protective class	Class I		
Altitude	Max. 2000m		
Cooling method	Natural Cooling		
Topology	Transformer		



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