

## VERIFICATION OF COMPLIANCE

No.: GZES2403004330PV01

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: Hybrid Inverter

Product Description: Inverter used in PV system

Model No.: ED4600A, ED5000A

Trade Mark: **ADAYO**

Rating: See page 2

Protection against Electric Shock: Class I

Additional Information (if any): IP 65  
**Master Software version: GA01.001-001-001**

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

Test Standard: ENA Engineering Recommendation G99 Issue 1 Amendment  
8, 01 September 2021

as shown in the

Test Report Number(s): GZES240300433001

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.

2024-05-28

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SGS-CSTC Standards Technical Services Co., Ltd.  
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Member of the SGS Group (SGS SA)

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Other information added:

Rating:

Model	ED4600A	ED5000A
<b>PV Input</b>		
Max. input voltage	500 Vdc	
Start-up operating voltage	150 Vdc	
Rated input voltage	360 Vdc	
MPPT operating voltage range	150-500 Vdc	
Full power MPPT voltage range	150-430 Vdc	
Max. input current	15 A/15 A	15 A/15 A
Max. short current	19.8 A/19.8 A	19.8 A/19.8 A
<b>Battery Input</b>		
operating voltage range	41.6V-58.5 Vdc	
Maximum battery charge current	95 A	95 A
Maximum battery discharge current)	100 A	100 A
<b>AC Output</b>		
Nominal grid voltage	L/N/PE, 230 V	
Nominal grid frequency	50 Hz	
Rated AC power	4600 W	5000 W
Max. AC power	5060 VA	5500 VA
Rated AC current	20.0 A	21.7 A
Max. AC current	22.0 A	23.9 A
Output power factor	1 default (adjustable+/-0.8)	
<b>General Data</b>		
Operating temperature range	-30 °C ~ +60 °C	
Protection degree	IP65	
Protective class	Class I	
Cooling method	Natural Cooling	
Topology	Transformerless	

David Guo

Technical Manager

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