

VERIFICATION OF COMPLIANCE

No.: GZES2403004330PV02

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.: ED3600A

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 G98 Issue 1 Amendment 6
September 2021

as shown in the

Test Report Number(s): GZES240300433002

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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Other information added:

Rating:

Model	ED3600A
PV Input	
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
Max. short current	19.8 A/19.8 A
Battery Input	
operating voltage range	41.6V-58.5 Vdc
Maximum battery charge current	80 A
Maximum battery discharge current)	85 A
AC Output	
Nominal grid voltage	L/N/PE, 230 V
Nominal grid frequency	50 Hz
Rated AC power	3600 W
Max. AC power	3960 VA
Rated AC current	15.6 A
Max. AC current	17.2 A
Output power factor	1 default (adjustable+/-0.8)
General Data	
Operating temperature range	-30 °C ~ +60 °C
Protection degree	IP65
Protective class	Class I
Cooling method	Natural Cooling
Topology	Transformerless



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Technical Manager

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