

VERIFICATION OF COMPLIANCE

No.: GZES2306010179PV

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: Hybrid Inverter used in PV system

Model No.: ED3600, ED4600, ED5000

Trade Mark: **ADAYO**

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65
Serial Number: DN22222222
Master Software version: GA01.001-001-001
Safety Firmware version: DD1.0

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

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

as shown in the

Test Report Number(s): GZES230601017901, GZES230601017902

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



2023-06-08

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Other information added :
Ratings

Model	ED3600	ED4600	ED5000
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	15 A/15 A	15 A/15 A
Max. short current	19.8 A/19.8 A	19.8 A/19.8 A	19.8 A/19.8 A
Battery Input			
operating voltage range	41.6V-58.5 Vdc		
input current	15 A/15 A	15 A/15 A	15 A/15 A
Maximum battery charge current	80 A	95 A	95 A
Maximum battery discharge current)	85 A	100 A	100 A
AC Output			
Nominal grid voltage	L/N/PE, 230V		
Nominal grid frequency	50 Hz		
Rated AC power	3600 W	4600 W	5000 W
Max. AC power	3960 VA	5060 VA	5500 VA
Rated AC current	15.6 A	20.0 A	21.7 A
Max. AC current	17.2 A	22.0 A	23.9 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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