

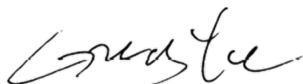
Certificate of Conformity

Certificate Number: CN-PV-230287

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Shenzhen Givenergy Co., Ltd 6 # -1001, 1002, 1003, 1004, Building 6, Chuangwei Innovation Valley, No. 8 Tangtou 1st Road, Shiyan Sub-district, Bao'an District, Shenzhen, Guangdong Province, China.
Product:	AC Coupled
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	GIV-AIO-AC-13.5-5.0, GIV-AIO-AC-13.5, GIV-AIO-GW1
Brand Name<s>:	GivEnergy
Product Complies with:	G99 Issue 1 Amendment 9, 03 October 2022 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	221206015GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 02 June 2023



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230287.

Model	GIV-AIO-AC-13.5-5.0	GIV-AIO-AC-13.5
OUTPUT AC		
Nominal AC power	5000W	6000W
Peak power (10s, off-grid)	6000VA	7200VA
Rated grid voltage (AC voltage range)	230 V.a.c(180 to 270V.a.c)	
Rated grid Frequency	50/60Hz	
Max. AC current	21.7A	26A
Power Factor (Full load)	> 0.99	
Displacement power factor	0.8 leading to 0.8 lagging	
Number of parallel operation	6(M1-S5)	
Total harmonic distortion	<3%	
BATTERY		
Battery voltage range	260--346V	
Max.charge/discharge current	25A	
Nominal voltage	307V	
Communication interfaces	CAN	
Battery capacity	13.5kWh	
ENVIRONMENT LIMIT		
Ingress protection	IP65	
Operating temperature range	-10 – 50°C	
Altitude	4000m (Derating above 2000m)	
Noise emission (typical)	<30dB	
GENERAL DATA		
Dimensions	1150Hx600Wx280D(mm)	
Weight [kg]	/	
Display LCD	LED & APP	
Cooling concept	Natural	
Topology	Transformerless	
Max. efficiency	96.4%	
Communication	RS485/WIFI/4G inside	
INPUT AC (Backup Gateway)		
Model	GIV-AIO-GW1	
Nominal AC power	18400VA	
Nominal AC current	80A	
Rated grid voltage (AC voltage range)	230V.a.c (180 to 270V.a.c)	
Rated grid Frequency	50/60Hz	
Dimensions	410Hx365Wx216D(mm)	

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