

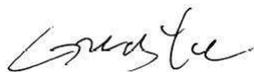
Certificate of Conformity

Certificate Number: CN-PV-230530

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 8Tangtou 1st Road, Shiyan Sub-district, Bao'an District, Shenzhen, China.
Product:	AC Coupled
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	GIV-AIO-AC-13.5-3.6, GIV-AIO-GW1
Brand Name<s>:	GivEnergy
Product Complies with:	G98 Issue 1 Amendment 7, 3 October 2022 Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage 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>:	230808162GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 12 September 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-230530

Model	GIV-AIO-AC-13.5-3.6
INPUT/OUTPUT AC	
Nominal AC power	3600W
Max. Apparent power	3600VA
Peak power (10s, off-grid)	4300VA
Rated grid voltage (AC voltage range)	230 V.a.c(180 to 270V.a.c)
Rated grid Frequency	50/60Hz
Nominal AC current	16A
Max. AC current	16A
Power Factor (Full load)	> 0.99
Power factor range	0.8 leading to 0.8 lagging
Number of parallel operation	6(M1-S5)
Maximum output fault current	400A@10us
Maximum output overcurrent protection	70A
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)
GENERAL DATA	
Protective Class	Class I
Cooling concept	Natural
Topology	Transformerless
Communication	RS485/WIFI/4G inside

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230530

Model	GIV-AIO-GW1
GRID/OFF-GRID OUTPUT AC	
Nominal AC power	18400W
Nominal AC current	80A
Max. AC current	80A
Rated voltage	230V.a.c
Rated Frequency	50/60Hz
Maximum output fault current	6000A
Maximum output overcurrent protection	80A
EV CHARGER OUTPUT AC	
Nominal AC power	7200W
Nominal AC current	32A
Max. AC current	32A
Rated voltage	230V.a.c
Rated Frequency	50/60Hz
Maximum output fault current	6000A
Maximum output overcurrent protection	32A
AIO INPUT AC	
Rated voltage	230V.a.c
Nominal AC current	26A
Max. AC current	26A
Rated Frequency	50/60Hz
PV INV INPUT AC	
Rated voltage	230V.a.c
Nominal AC current	21.7A
Max. AC current	21.7A
Rated Frequency	50/60Hz
AIO Parallel INPUT AC	
Rated voltage	230V.a.c
Nominal AC current	130A
Max. AC current	130A
Rated Frequency	50/60Hz
GENERAL DATA	
Ingress protection	IP65
Operating temperature range	-20 ~ +50°C
Protective Class	Class I

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