COMPLIANCE

VERIFICATION OF COMPLIANCE

No.:	GZES2502003110PV
Applicant:	Shenzhen GivEnergy Co., Ltd 6#-1001, 1002, 1003, 1004, Building 6, Chuangwei Innovation Valley, No.8 Tangtou 1st Road, Tangtou Community, Shiyan Sub-district, Bao'an District, Shenzhen, China
Manufacturer:	Shenzhen GivEnergy Co., Ltd 6#-1001, 1002, 1003, 1004, Building 6, Chuangwei Innovation Valley, No.8 Tangtou 1st Road, Tangtou Community, Shiyan Sub-district, Bao'an District, Shenzhen, China
Product Name:	All In One
Product Description:	Inverter used in Battery system
Model No.:	GIV-AIO-AC-13.5-6.0, GIV-AIO-AC-13.5-8.0, GIV-AIO-AC-13.5-10.0, GIV-AIO-AC-13.5-11.0, GIV-AIO-AC-13.5-12.0
Trade Mark:	GivEnergy®
Rating:	See page 2
Protection against Electric Shock:	Class I
Degree of Protection:	IP65
Additional Information:	Software version: SI1.0

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

Test Standard:	ENA Engineering Recommendation G99 Issue 1 Amendment 9, 3 October 2022

as shown in the

Test Report Number(s):	GZES250200311001

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.

2025-04-30

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

No.: GZES2502003110PV

Other information added:

Rating:

Model	GIV-AIO-AC-13.5-6.0	GIV-AIO-AC-13.5-8.0	GIV-AIO-AC-13.5-10.0	GIV-AIO-AC-13.5-11.0	**GIV-AIO-AC-13.5-12.0**
Input / Output Data (AC, On-grid)					
Rated power	6000 W	8000 W	10000 W	11000 W	12000 W
Max. apparent power	6000 VA	8000 VA	10000 VA	11000 VA	12000 VA
Nominal off-grid power	12000 VA	12000 VA	12000 VA	12000 VA	12000 VA
Peak power (10s, off-grid)	14400 VA	14400 VA	14400 VA	14400 VA	14400 VA
Rated/Max. Current	26 A	34.8 A	43.5 A	47.8 A	52 A
AC Nominal Voltage	230 Va.c., L/N/PE				
AC Grid Frequency	50/60 Hz				
Power Factor Range	0.8lagging-0.8leading				
Intemal Battery					
Battery Type	Li-ion				
Nominal voltage	307.2 Vd.c.				
Operating Voltage Range	260-346 Vd.c.				
Rated Capacity	52 Ah				
Max. Charging / Discharging Current	25 A (1) / 41 A				
Max. Charging / Discharging Power	6000 W (2) / 12600 W				
Design Energy	15974.4 Wh				
Battery communication	CAN				
Expansion Battery					
Battery type	Li-ion				
Operating voltage range	260-346 Vd.c.				
Nominal voltage	307.2 Vd.c.				
Max. charging/discharging current	25 A (1) / 41 A				
Rated Capacity	52 Ah				
Battery communication	CAN				
General Data					
Operating temperature range	-25 ºC ~ +50 ºC				
Protection degree	IP65				
Protective class	Class I				
Cooling method	Smart Fan Cooling				
Inverter Topology	non-isolated				
Dimensions	600W*950H*280D (mm)				

(1) Max. charging/discharging current (AIO with up to 2 or 3 Expansion units):41 A / 41 A.

(2) Max. charging/discharging Power (AIO with up to 2 or 3 Expansion units):12000 W / 12600 W.

David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

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