

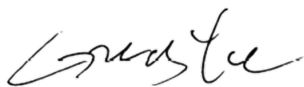
Certificate of Conformity

Certificate Number: CN-PV-230533

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, Shiyao Sub-district, Bao'an District, Shenzhen, China.
Product:	PV Hybrid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	GIV-3HY-6.0-HV, GIV-3HY-8.0-HV, GIV-3HY-10.0-HV, GIV-3HY-11.0-HV
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>:	230718174GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 19 September 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230533

Model	GIV-3HY-6.0-HV	GIV-3HY-8.0-HV	GIV-3HY-10.0-HV	GIV-3HY-11.0-HV
Input Date (PV)				
Max. PV array open-circuit Voltage	1000Vd.c			
Max. total PV array short-circuit circuit	2*20Ad.c			
Max. operating PV input current	2*15Ad.c			
PV input operating voltage range	200~1000Vd.c			
MPPT input operating voltage range	200~850Vd.c			
Number of independent MPP input	2			
Output Date (AC)				
Nominal AC output Power	6000W	8000W	10000W	11000W
AC nominal voltage	230/400Va.c			
AC grid frequency	50Hz			
Max. output current (pure phase)	10.5Aa.c	13.5 Aa.c	16.5 Aa.c	18 Aa.c
Power factor (Full load)	>0.99			
Backup terminal parameter (AC)				
Nominal AC output Power	6000W	8000W	10000W	11000W
AC nominal voltage	230/400Va.c			

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AC grid frequency	50Hz			
Max. output current (pure phase)	10.5Aa.c	13.5 Aa.c	16.5 Aa.c	18 Aa.c
Battery				
Battery Type	Li-ion			
Normal voltage	450V			
Operating voltage range	200~600V			
Max. charging current	25Ad.c			
Max. discharging current	25Ad.c			
Max. charging Power	6000W	8000W	10000W	11000W
Max. discharging Power	6000W	8000W	10000W	11000W
Others				
Ingress protection	IP65			
Protective Class	Class I			
Operating Temperature Range	-25°C~60°C			

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