


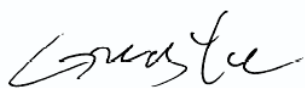
Certificate of Conformity

Certificate Number: CN-PV-230128

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:	Givenergy Ltd Newspaper House, Chemical Lane, Newcastle Under Lyme, Stoke On Trent, United Kingdom, ST6 4QZ
Product:	PV Hybrid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	GIV-HY-3.6-G3, GIV-HY-5.0-G3
Brand Name<s>:	
Product Complies with:	EN 50549-1: February 2019 Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type B Type approval for netherlands interface settings
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>:	221114160GZU-001

According to Annex H of the standard EN 50549-1:2019, generating plants compliant with the clauses of this European Standard are considered to be compliant with the relevant Article of COMMISSION REGULATION (EU) 2016/631, provided, that all settings as provided by the DSO and the responsible party are complied with. Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 28 March 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230128.

Model	GIV-HY-3.6-G3		GIV-HY-5.0-G3	
Input Data (PV)				
Max. PV array open-circuit Voltage	600Vd.c			
Max. total PV array short-circuit circuit	2*20Ad.c			
Max. operating PV input current	2*15Ad.c			
PV input operating voltage range	100~600Vd.c			
MPPT input operating voltage range	120~550Vd.c			
Number of independent MPP input	2			
Output Data (AC)				
Nominal AC output Power	3600W		5000W	
AC nominal voltage	230Va.c			
AC grid frequency	50Hz			
Max. output current	16Aa.c		22.8Aa.c	
Power factor (Full load)	>0.99			
Backup terminal parameter (AC)				
Nominal AC output Power	3600W			
AC nominal voltage	230Va.c			
AC grid frequency	50Hz			
Max. output current	16Aa.c			
Battery				
Battery Type	Lead-acid or Li-ion			
Normal voltage	48V			
Operating voltage range	46.7~57.6V			
Max. charging current	65Ad.c			
Max. discharging current	81Ad.c			
Max. charging Power	3600W			
Max. discharging Power	3600W			
General Data				
IP Degree	IP65			
Protect class	I			
Operation temp.	-25℃ to +60℃			
Software version	SB1.0			

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