


# Certificate of Conformity

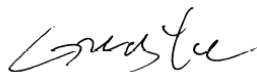
Certificate Number: CN-PV-220230

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.

<b>Applicant:</b>	Givenergy Ltd Newspaper House, Chemical Lane, Newcastle Under Lyme, Stoke On Trent, United Kingdom, ST6 4QZ
<b>Product:</b>	PV Hybrid inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	HY3.6G2
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	G98 Issue 1 Amendment 6, 1 September 2021 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
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> 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
<b>Test Report No.&lt;s&gt;:</b>	220707053GZU-002 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix.

Signature



Certification Manager: Grady Ye  
Date: 02 November 2022



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220230.

Model	HY3.6G2
Input Date (PV)	
Max. PV array open-circuit Voltage	600Vd.c
Max. total PV array short-circuit circuit	2*17Ad.c
Max. operating PV input current	2*13Ad.c
PV input operating voltage range	120~600Vd.c
MPPT input operating voltage range	150~550Vd.c
Number of independent MPP input	2
Output Date (AC)	
Nominal AC output Power	3600W
AC nominal voltage	230Va.c
AC grid frequency	50Hz
Max. output current	16Aa.c
Power factor (Full load)	>0.99
Protect class	I
Backup terminal parameter (AC)	
Nominal AC output Power	3600W
AC nominal voltage	230Va.c
AC grid frequency	50Hz
Max. output current	16Aa.c
Protect class	I
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

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