


Certificate of Conformity

Certificate Number: CN-PV-220042

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:	Villarreal División Equipos S.A. de C.V. Morelos 905 Sur, Col. Centro Allende N.L., México, C.P. 67350
Product:	Solar (PV) Grid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	BEYOND2KM2/1, BEYOND3KM2/1, BEYOND5KM2/2, BEYOND6KM2/2
Brand Name<s>:	
Product Complies with:	IEEE 1547: 2003, IEEE 1547a:2014 & IEEE 1547.1: 2005+ A1: 2015 IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems UL 1741: 2010 Ed.2 +R: 16 Sep 2020 Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Report No.<s>:	211220101GZU-003, 211220101GZU-004

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 28 January 2022

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220042

Model	BEYOND2KM2/1	BEYOND3KM2/1	BEYOND5KM2/2	BEYOND6KM2/2
PV terminal				
Vmax. PV	500Vcc		550Vcc	
MPPT Voltage Range	50-490Vcc		70-540Vcc	
MPPT Voltage Range (full load)	180-430Vcc	280-430Vcc	230-480Vcc	280-480Vcc
MPPT Tracker number	1		2	
Max. continuous PV input current per tracker	13A		13/13A	
Isc PV per tracker	15A		15/15A	
Grid terminal				
Rated voltage	230/240Vca			
Rated frequency	60 Hz			
Maximum continuous output current	10.0A	15.0A	25.0A	27.3A
Rated output power	2000W	3000W	5000W	6000W
Maximum continuous output Apparent power	2200VA	3300VA	5500VA	6000VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging			
Temperature range	-25°C - 60°C			
Protective Class	Class I			
Software version	CN0101			

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