

# Certificate of Conformity

Certificate Number: 181126074GZU-001

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. This certificate is part of the full test report<s> and should be read in conjunction with it ;

Applicant Name & Address:	Havells India Ltd. QRG Towers, 2D,Sector 126, Noida Expressway, NOIDA- 201304, INDIA
Product Description:	PV inverter
Ratings & Principle Characteristics:	See Annex to Test Certificate of Conformity
Models:	enviro GT i3300TX, enviro GT i4400TX, enviro GT i5000TX, enviro GT i5500TX, enviro GT i6600TX, enviro GT i8800TX, enviro GT i11000TX, enviro GT i12000TX
Relevant Standards	IEC 61727 2nd ed.:2004, Photovoltaic (PV) systems – Characteristics of the Utility interface IEC 62116 2nd ed.:2014, Test procedure of islanding prevention measures for Utility-interconnected photovoltaic inverter
Certificate Issuing Office:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Date of Tests:	26 Nov., 2018 – 11 Dec., 2018
Test Report Number(s):	181126074GZU-001, 181126074GZU-002

Additional information in Appendix.



**Signature**

**Name: Grady Ye**

**Position: Manager**

**Date: 13 Dec 2018**



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## APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Certificate/Report Number(s): 181126074GZU-001; The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

MODEL	enviro GT i3300TX	enviro GT i4400TX	enviro GT i5000TX	enviro GT i5500TX	enviro GT i6600TX
Max PV voltage	1000Vdc				
MPPT Voltage range	160-960Vdc				
Max. input current	11/11A				
PV Isc	14/14A				
Max power(VA)	3300	4400	5000	5500	6600
Max output current	3x4.8 A	3x6.4 A	3x8.0A	3x8.0 A	3x9.6 A
Output voltage	3W/N/PE 230Vac/400Vac				
Nominal Frequency	50 Hz				
Power Factor	0.8 Leading to 0.8 Lagging				
Ambient Temperature	-25 °C - +60 °C				
Protection Degree	IP65				
Protection Class	Class I				
MODEL	enviro GT i8800TX	enviro GT i11000TX		enviro GT i12000TX	
Max PV voltage	1000Vdc				
MPPT Voltage range	160-960Vdc				
Max. input current	11/11A				
PV Isc	14/14A				
Max power(VA)	8800	11000		13200	
Max output current	3x12.8 A	3x15.9 A		3x19.1 A	
Output voltage	3W/N/PE 230Vac/400Vac				
Nominal Frequency	50 Hz				
Power Factor	0.8 Leading to 0.8 Lagging				
Ambient Temperature	-25 °C - +60 °C				
Protection Degree	IP65				
Protection Class	Class I				
Software Version	V 1.00				

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