

Certificate of Conformity

Certificate Number: CN-PV-220048

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:	Havells India Ltd. QRG Towers, 2D, Sector 126, Noida Expressway, NOIDA-201304, INDIA
Product:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	enviro GTi 3300TX-NG, enviro GTi 4400TX-NG, enviro GTi 5000TX-NG-A, enviro GTi 5500TX-NG, enviro GTi 6600TX-NG, enviro GTi 8800TX-NG, enviro GTi 8800TX-NG-A, enviro GTi 10000TX-NG, enviro GTi 11000TX-NG, enviro GTi 11000TX-NG-A, enviro GTi 12000TX-NG
Brand Name<s>:	HAVELLS
Product Complies with:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
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 China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	220216103GZU-003, 220216103GZU-004

Certification procedure: SMS-PV-OP-19

Product certification scheme type: Type test

Additional information in Appendix.

Signature

Certification Manager: Grady Ye

Date: 11 March 2022



中国认可
国际互认
产品
PRODUCT
CNAS C058-P

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220048.

MODEL	enviro GTi 3300TX-NG	enviro GTi 4400TX-NG	enviro GTi 5000TX-NG-A	enviro GTi 5500TX-NG
Max PV voltage	1100Vdc			
MPPT Voltage range	140-1000Vdc			
Max. input current	15/15A			
PV Isc	22.5/22.5A			
Rated power(W)	3000	4000	5000	5000
Max. apparent power (VA)	3300	4400	5000	5500
Max output current	3×5.0 A	3×6.7 A	3×7.6 A	3×8.3 A
Output voltage	3W/N/PE 230Vac/400Vac			
Nominal Frequency	50/60 Hz			
Power Factor	1 default (adjustable+/-0.8)			
Ambient Temperature	-30°C - +60°C			
Protection Degree	IP65			
Protection Class	Class I			
Software Version	V000001			

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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MODEL	enviro GTi 6600TX-NG	enviro GTi 8800TX-NG	enviro GTi 8800TX-NG-A	enviro GTi 10000TX-NG
Max PV voltage	1100Vdc			
MPPT Voltage range	140-1000Vdc			
Max. input current	15/15A		15/30A	
PV Isc	22.5/22.5A		22.5A/45A	
Rated power(W)	6000	8000	8000	10000
Max.apparent power (VA)	6600	8800	8800	10000
Max output current	3×10.0 A	3×13.3 A	3×13.3 A	3×15.2 A
Output voltage	3W/N/PE 230Vac/400Vac			
Nominal Frequency	50/60 Hz			
Power Factor	1 default (adjustable+/-0.8)			
Ambient Temperature	-30°C - +60°C			
Protection Degree	IP65			
Protection Class	Class I			
Software Version	V000001			

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MODEL	enviro GTi 11000TX-NG	enviro GTi 11000TX-NG-A	enviro GTi 12000TX-NG
Max PV voltage	1100Vdc		
MPPT Voltage range	140-1000Vdc		
Max. input current	15A/15A	15A/30A	
PV Isc	22.5/22.5A	22.5A/45A	
Rated power(W)	10000	10000	12000
Max.apparent power (VA)	11000	11000	13200
Max output current	3×16.7 A	3×16.7 A	3×20.0 A
Output voltage	3W/N/PE 230Vac/400Vac		
Nominal Frequency	50/60 Hz		
Power Factor	1 default (adjustable+/-0.8)		
Ambient Temperature	-30 °C - +60 °C		
Protection Degree	IP65		
Protection Class	Class I		
Software Version	V000001		

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