HAVELLS

ENVIRO GTI 1.1KW-4KW SINGLE PHASE

Havells introduced new models with high ampere DC current suitable for high wattage modules. The transformer-less design makes Havells GTI highly efficient to deliver maximum Solar Power.

Product Features:

- Max. efficiency up to 97.7%
- Lightweight, quick and easy to install
- IP65 design for outdoor
- RS485
- Feed-in limitation function
- Havells Smart Monitoring Platform
- BIS & IEC Certified

10 YEAR WARRANTY

IS 16221 (PART 2):2015/IEC 62109-2 :2011
IS 16169 :2014/IEC 62116 :2008

R-41165239
www.bis.gov.in

TECHNICAL SPECIFICATION OF SINGLE PHASE SOLAR GRID TIE INVERTER

DATASHEET	Enviro GTi 1.1KT-G3	Enviro GTi 2.2KT-G3	Enviro GTi 3KT-G3	Enviro GTi 3.3KT-G3	Enviro GTi 4KT-G3
Input (DC)					
Max. Input Voltage	500 V		550 V		
Rated Input Voltage	360 V				
Start-up Voltage	70 V				
MPPT Operating Voltage Range	50-500 V		50-550 V		
Number of MPP Trackers	1				
Number of DC Inputs	1				
Max. Input Mppt Current	13 A	14 A	15 A		
Max. Input Short Circuit Current	17.5 A		20 A		
Output (AC)					
Rated Output Power	1100 W	2200 W	3000 W	3300 W	4000 W
Max. Apparent Power	1100 VA	2200 VA	3000 VA	3300 VA	4000 VA
Max. Output Current	5.3 A	10.6 A	14.5 A	16 A	19.3 A
Rated Output Voltage	L/N/PE, 220 Vac, 230 Vac				
Output Voltage Range	180 Vac - 276 Vac				
Rated Output Frequency	50 / 60 Hz				
Output Frequency Range	45 Hz - 55 Hz / 55 Hz - 65 Hz				
Active Power Adjustable Range	0-100 %				
THDi	<3 %				
Power Factor	0.8 leading - 0.8 lagging				
Efficiency					
Max. Efficiency	97.30 %		97.70 %		
European Efficiency	96.70 %		97.20 %		
Protection					
DC Reverse Polarity Protection	Yes				
Anti-Islanding Protection	Yes				
Leakage Current Protection	Yes				
Ground Fault Monitoring	Yes				
PV-Array String Fault Monitoring	Yes				
DC Switch	No				
SPD	PV: Type III, AC: Type III				
General Data					
Ambient Temperature Range	-30 °C to +60 °C				
Self-Consumption at Night	<1W				
Topology	Transformerless				
Degree of Protection	IP65				
Allowable Relative Humidity Range	0-100 %				
Max. Operating Altitude	2000m				
Cooling	Natural				
Dimension (W*H*D)	303*260.5*118 mm		321*260.5*131.5 mm		321*260.5*151.5 mm
Weight	≤6 kg		≤7 kg		≤7.3 kg
Display	LCD + LED				
Communication	RS485 / Wi-Fi / GPRS (Optional)				
Certifications	BIS & IEC Certified				

*Max. DC Overloading upto 30% recommended.
*All specifications are subject to change without notice.

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