



SINGLE PHASE INVERTER, SINGLE MPPT & Wi-Fi

Enviro GTi 1100 - 1.1 kW | Enviro GTi 2200 - 2.2 kW | Enviro GTi 3000 - 3 kW

SINGLE PHASE INVERTER, DUAL MPPT & Wi-Fi

Enviro GTi 4000D - 4 kW | Enviro GTi 5000D - 5 kW

THREE PHASE INVERTER, DUAL MPPT, DC Switch & Wi-Fi

Enviro GTi 5500TX - 5.5 kW | Enviro GTi 8800TX - 8.8 kW | Enviro GTi 11000TX - 11 kW |
Enviro GTi 15000T - 15 kW | Enviro GTi 20000TD - 20 kW

FEATURES

- 7 years warranty
- Single and Dual MPPT for optimum generation
- Wide Input Voltage Range
- Maximum 98.2% Inverter Efficiency
- In-Built 25 Year Data Storage Capability
- Remote Monitoring – free for 25 years
- 10.16 cm (4") LCD display
- Detachable cover for easy installation & maintenance
- Safety Protection- Anti islanding, Ground Fault monitoring
- Anti Reverse Power Controller - zero export (Optional)
- IEC Certification - As per MNRE

TECHNICAL SPECIFICATION OF THREE PHASE SOLAR GRID TIE INVERTER

DATASHEET	Enviro GTi 5500TX	Enviro GTi 8800TX	Enviro GTi 11000TX
Input (DC)			
Typical PV Power	6000 W	9600 W	12000 W
Max. DC power per MPPT	6000 W (545 V - 850 V)	8800W (800 V-850 V)	8800 W (800 V-850 V)
Number of independent MPPT	2		
Number of DC inputs	1 for each MPPT		
Max. input voltage	1000 V		
Start-up input voltage	180 V		
Rated input voltage	600 V		
MPPT voltage range	160 V - 960 V		
Full load DC voltage range	240 V - 850 V	380 V - 850 V	480 V - 850 V
Max. input current per MPPT	11 A / 11 A		
Input short circuit current for each Mppt	14 A		
Output (AC)			
Rated Power	5000 W	8000 W	10000 W
Max. AC Power	5500 VA	8800 VA	11000 VA
Max. Output Current	8.0 A	12.8 A	15.9 A
Nominal Grid Voltage	3/N/PE, 220 / 380 V or 3/N/PE, 240 / 415 V or 3/N/PE, 230 /400 Vac		
Grid Voltage Range	184~276 V (According to local standard)		
Nominal Frequency	50 Hz / 60 Hz		
Grid Frequency Range	50 Hz, +/-5 Hz (According to local standard)		
Active power adjustable range	0~100%		
THDi	<3%		
Power factor	1 (adjustable +/-0.8)		
Performance			
Max. efficiency	98.0%	98.3%	
Weighted eff. (EU/CEC)	97.5%	98%	
Self-consumption at night	<1 W		
Feed-in start power	45 W		
MPPT efficiency	>99.9%		
Protection			
DC Reverse Polarity Protection	Yes		
DC Switch	Yes		
Safety protection	Anti islanding, RCMU, Ground fault monitoring		
Certification	IEC 62116, IEC 61727, IEC 61683, IEC 60068 (1,2,14,30), IEC 62109-1/2, IEC61000		
ARPC	Anti Reverse Power Controller(optional)		
Communication			
Power management unit	According to certification and request		
Standard Communication Mode	RS485 WiFi/GPRS (optional), SD card		
Operation Data Storage	25 years		
General Data			
Ambient temperature range	-25° C~+60° C		
Topology	Transformerless		
Degree of protection	IP65		
Allowable relative humidity range	0....100% no condensing		
Max. operating altitude	2000 m		
Noise	<29 dB		
Weight	21 kg	22 kg	
Cooling	Natural		
Dimension	483 mm x 452 mm x 200 mm		
Display	LCD display		
Warranty	7 years		