

TRIEX.

powered by Trisun Energies

TX-ECO-4200 4.2kW, PV6200

Off-Grid Inverter



KEY FEATURES



Pure Sine Wave
Solar Inverter



4.2kW Reliable
Power Output



6200W High PV
Input Capacity



Runs Directly On Solar
(Without Grid Or Battery)



Wide Input
Voltage Range



Advanced MPPT
Solar Charging



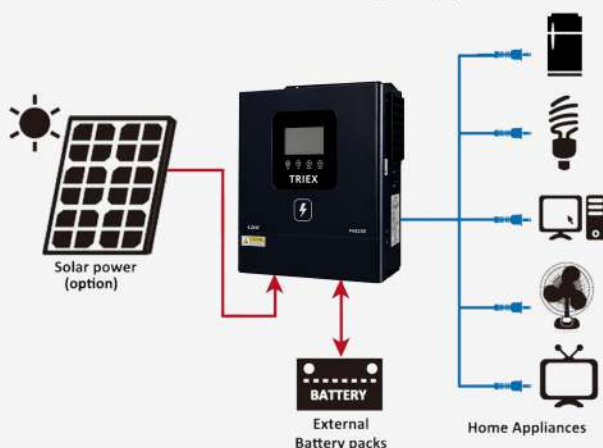
Single PV
Output Source



Optional
WiFi Monitoring

No Grid? No Worries

24/7 Power for Every Appliance!



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TRIEX 4.2kW

ECO SERIES OFF-GRID INVERTERS

Model	TX-ECO-4200
Phase	1-Phase In / 1-Phase Out
Maximum PV Input Power	6200W
Maximum Total Output Power	4200VA/4200W
Parallel Capability	No
Lithium Battery Activation	Yes (By PV or Utility)
Lithium Battery Communication	Yes (RS485)
WiFi	Optional
AC Input	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC (For Personal Computer); 90-280VAC (For Home Appliances)
Frequency	50/60 Hz (Auto Sensing)
AC Output	
Nominal Voltage	220/230VAC±5%
Frequency	50/60 Hz
Waveform	Pure Sine Wave
Dual Outputs	Yes
Transfer Time	10ms (For Personal Computer); 20ms (For Home Appliances)
Peak Efficiency (PV to INV)	96%
Overload Protection	5s@>=140% Load; 10s@110%-140% Load
Admissible Power Factor	0.6~1 (Inductive or Capacitive)
Battery	
Battery Voltage	24Vdc
Floating Charge Voltage	27Vdc
OverCharge Protection	33Vdc
Charging Method	CC/CV
Solar Charger & AC Charger	
Solar Charger Type	MPPT
Max. PV Array Power	6200W
Max. PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max. Solar Input Current	1/27A
Max. Charge Current	120A
Physical	
Dimensions, D x W x H(mm)	371.8*342*116.5
Package Dimensions, D x W x H(mm)	450*385*205
Net Weight (Kgs)	7.6
Gross Weight (Kgs)	8.5
Communication Interface	RS485(RJ45)/RS232(RJ45)
LCD	Colorful Screen + RGB Light
Environment	
Operating Temperature Range	-10°C to 50°C
Storage Temperature	-15°C to 50°C
Humidity	5% to 95% Relative Humidity (Non-Condensing)

Product specifications are subject to change without further notice.