

TRIEX.

powered by Trisun Energies



TX-ECO-4.2k

4.2kW, PV6200

Off-Grid Inverter

KEY FEATURES



Pure Sine Wave
Solar Inverter



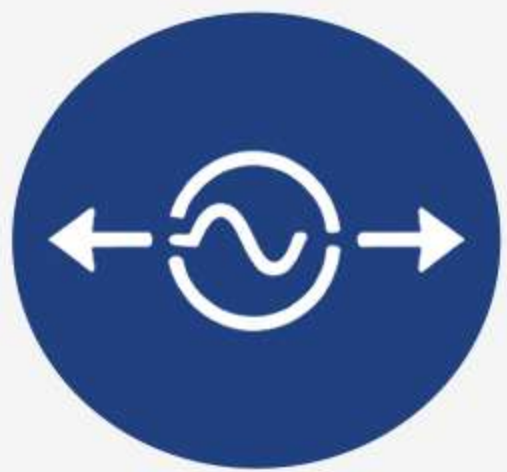
4.2kW Reliable
Power Output



6200W High PV
Input Capacity



Fast Transfer Time
(10ms UPS Mode)



Wide Input
Voltage Range



Advanced MPPT
Solar Charging



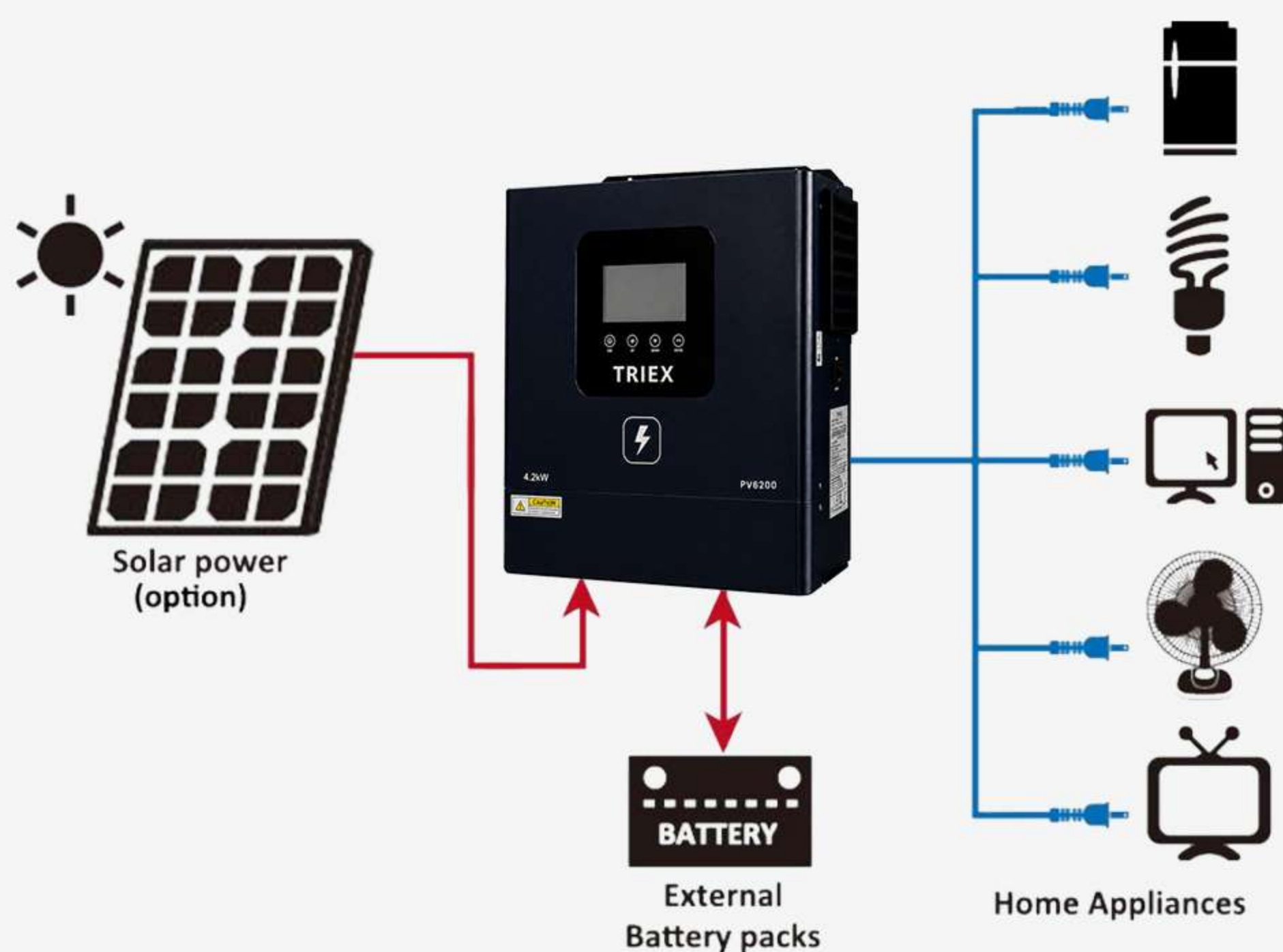
Single PV
Output Source



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-4.2k
Phase	1-Phase In / 1-Phase Out	
Maximum PV Input Power	6200W	
Maximum Main Output Power	4200VA/4200W	
Maximum Second Output Power	4200VA/4200W	
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%	
Surge Power	8400VA	
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. Solar Charge Current	120A	
Max. AC Charge Current	120A	
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.