

TRIEX.

powered by Trisun Energies

TX-ECO-1.5k

1.5kW, PV2000

Off-Grid Inverter



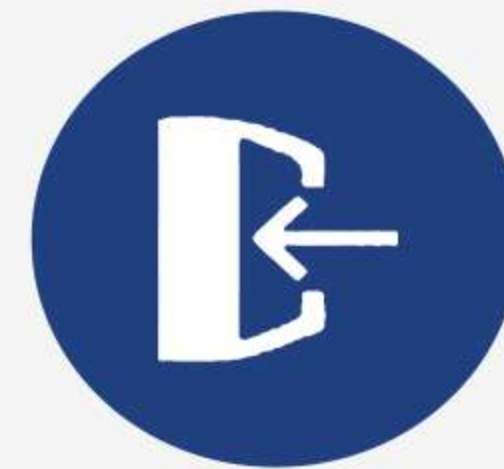
KEY FEATURES



Pure Sine Wave
Solar Inverter



Built-in MPPT Solar
Charger



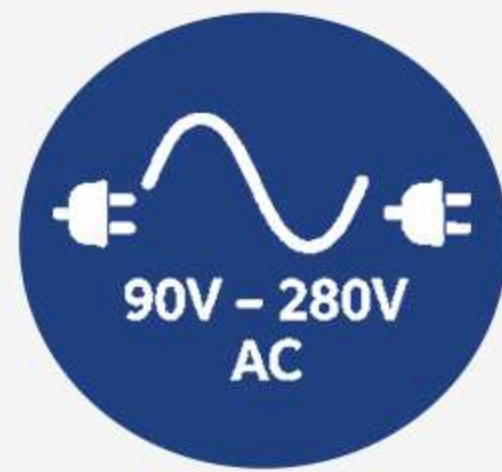
High PV Input Voltage
Range (30-500VDC)



Supports Up to
2000W PV Array



High Efficiency Up to
96% (PV to Inverter)



Wide AC Input Voltage
Range (90-280VAC)



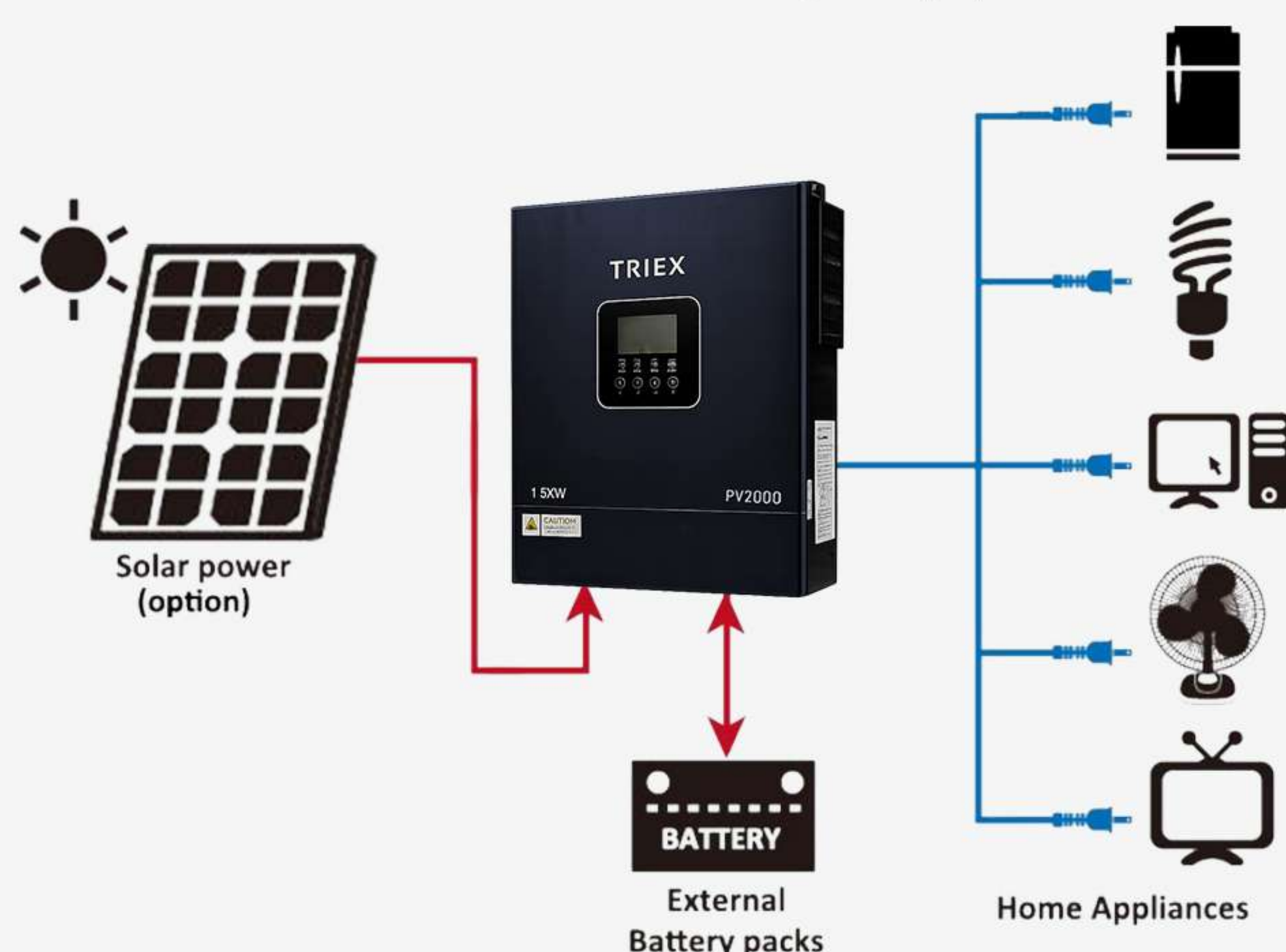
Battery Independent Design
(PV Activation Supported)



Strong Surge
Capacity (3000VA)

No Grid? No Worries

24/7 Power for Every Appliance!



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TRIEX 1.5kW

ECO SERIES OFF-GRID INVERTERS

Model		TX-ECO-1.5k
Capacity		1500VA/1500W
Parallel Capability		NO
Lithium Battery Activation		YES (By PV)
Lithium Battery Communication		No
Input		
Nominal Voltage		230VAC
Acceptable Voltage Range		170-280VAC (For Personal Computer); 90-280VAC (For Home Appliances)
Frequency		50/60 Hz (Auto Sensing)
Output		
Nominal Voltage		220/230 VAC \pm 5%
Rated Power		1500VA/1500W
Battery Mode Power		1200VA/1200W
Surge Power		3000VA
Frequency		50/60 Hz
Waveform		Pure Sine Wave
Transfer Time		10ms (For Personal Computer); 20ms (For Home Appliances)
Peak Efficiency (PV to INV)		96%
Peak Efficiency (Battery to INV)		93%
Overload Protection		5s@ \geq 140% Load; 10s@100%-140% Load
Crest Factor		3:1
Admissible Power Factor		0.6~1 (Inductive or Capacitive)
Battery		
Battery Voltage		12Vdc
Floating Charge Voltage		13.5Vdc
OverCharge Protection		16.5Vdc
Charging Method		CC/CV
Solar Charger & AC Charger		
Solar Charger Type		MPPT
Max. PV Array power		2000W
Max. PV Array Open Circuit Voltage		500VDC
PV Array MPPT Voltage Range		30VDC~500VDC
Max. Solar Input Current		15A
Max. Solar Charge Current		100A
Max. AC Charge Current		60A
Max. Charge Current(AC+PV)		100A
Physical		
Dimensions, D x W x H(mm)		330*278*98
Package Dimensions, D x W x H(mm)		400*365*174
Net Weight (Kgs)		3.8
Communication Interface		RJ45 For WiFi
Protection		
Operating Temperature Range		-10°C to 55°C
Storage Temperature		-15°C to 60°C
Humidity		5% to 95% Relative Humidity (Non-Condensing)
Ingress Protection		IP21

Product specifications are subject to change without further notice.