



ECO-ICP PRO

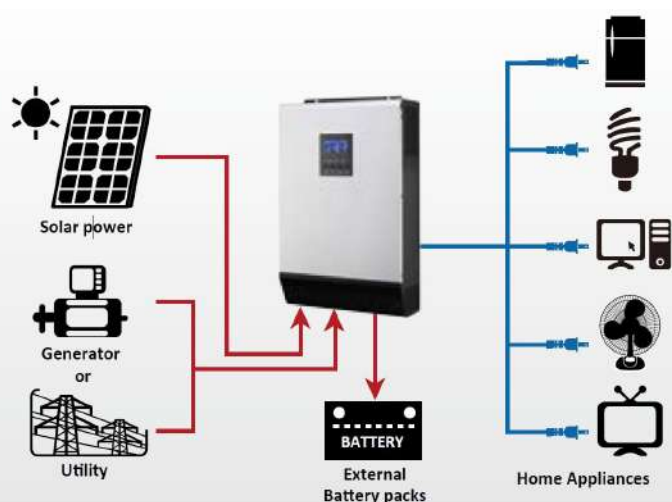
Off-Grid Inverter with PWM solar charge controller and AC charging

ECO-ICP PRO series inverters are comprehensive and provide freedom and many operation options that you might need, pure wave conversion and they are also compatible with network or generator. They can be used in parallel operation with up to 9 units.

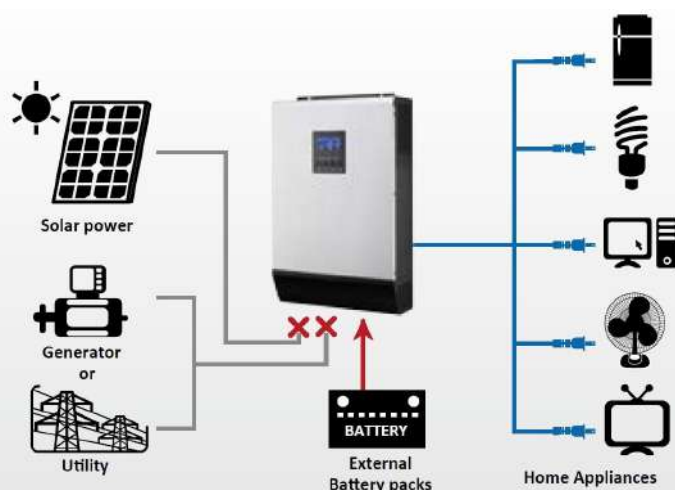
Features

- > Pure sine wave inverter
- > Selectable input voltage range for home appliances and personal computers
- > Selectable charging current based on applications.
- > Configurable AC/Solar input priority via LCD setting.
- > Compatible with mains voltage or generator power
- > Parallel operation with up to 9 units
- > Auto restart while AC is recovering.
- > Overload and short circuit protection.
- > Battery equalization for optimized battery performance and lifecycle
- > Cold start function
- > Optional remote control.

Solar Power and AC Power Available



Solar Power and AC Power not available



Optional (kits - connections)



Remote control panel



Web Box

Technical Characteristics

Model	ECO-ICP 3000-24PRO	ECO-ICP 5000-24PRO	ECO-ICP 5000-48PRO
Rated Power	3000VA	5000VA	5000VA
Input			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz / 60 Hz (Auto sensing)		
Output			
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%		
Surge Power	6000VA	10000VA	10000VA
Efficiency (Peak)	93%		
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
Battery			
Battery Voltage	24 VDC	24 VDC	48 VDC
Floating Charge Voltage	24 VDC	24 VDC	54VDC
Overcharge Protection	30 VDC	30 VDC	60 VDC
Solar & AC charger			
Maximum PV Array Voc	75 VDC	75 VDC	105 VDC
Standby Power Consumption	2 W	5 W	5 W
Maximum Solar Charge Current (DC Amps)	50 A	50 A	50 A
Maximum AC Charge Current (DC Amps)	60 A	60 A	60 A
Maximum Charge Current	110 A	110 A	110 A
Physical			
Dimension, D x W x H (mm)	100 x 272 x 385	180 x 310 x 475	155 x 295 x 455
Net Weight (kg)	7.0	11.5	9.8
Operating Enviroment			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	0°C to 55°C		
Storage Temperature	-15°C to 60°C		

- Specifications could be subject to change without any prior notice.
- ECO//SUN is not responsible for any print errors
- This version replaces all previous ones

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