

## 3000W Pure Sine Wave Power Inverter



Power inverter is an electronic device that converts low voltage DC(Direct Current) electricity from a battery or other power source to 100V-120VAC(Alternating Current) household power. DC is the power that is produced by battery or other power source while AC is the standard power needed to run electrical equipment. A power inverter does the opposite of a rectifier and is used in places and situations where AC power is not available.

### Product Features

External Fuses, Remote Control, USB interface (5V/0.5A).

Protection:Over/Under Input Voltage, Over Temperature CE and RoHS Approved.

### Specifications

Model : TY-3000-S		TY-3000-S-24V	
AC Output	Continuous power:	3000W	
	Surge power:	<b>6000W</b>	
		<b>120%&lt;Load&lt;150% Rated power for 10s</b>	
		<b>150%&lt;Load&lt;200% Rated power for 2s</b>	
	Output Waveform	Pure Sine Wave (THD < 3%)	
	Output Frequency	50Hz±0.1% or 60Hz±0.1% (Optional)	
AC Output Voltage	100-120VAC (Optional)		
DC Input	DC Input Voltage	24V DC	
	Voltage Range	20V-30V	
	Low Voltage Alarm	21V±1V	
	Low Voltage Shut down	20V±1V	
	Over Voltage Shut down	30V±1V	
Converting Max. Efficiency	90% (Full Loading) / 95% (1/3 Loading)		
No Load Consumption	< 0.5A		
Protection	Over Thermal:	Shut Off Output Automatically, Temperature >75°C	
	Short circuit protection:	Reverse Polarity (External Fuse)	
	Cooling Fan automatically run	Temperature ≥45°C	
Environment	Working temperature	-10°C ~ +50°C	
	Working humidity	20% ~ 90% RH Non-Condensing	
	Storage Temperature Range	-30°C ~ +70°C	
LED Indicator Light	Inverter, Fault		
Packing	Inner Box Dimensions (mm)	530*320*230 mm	1pcs /Carton
	Inner Box Weight (kg)	10 kg	
	Carton Dimensions (mm)	555*340*250 mm	
	Carton Weight (kg)	11 kg	