

Pure Sine Wave Inverter 3000W

Features:

- High conversion efficiency, smart soft start function
- Multiple safe protections
- Input and output are completely independent
- Smart, light, and portable, designed for home use
- Universal socket, suitable for all kinds of plugs
- Pure sine waveform output
- Applicable for resistive/sensitive loads
- High-precision voltage stability technology
- Aerospace-grade silence technology
- 100% pure sine wave output waveform: designed for sensitive loads(resistive load)
- With the technology of CPU centralized control and SMD inside
- True sine wave output (Total Harmonic Distortion THD) < 3%



Specifications

Model	FPC-3000A	FPC-3000B	FPC-3000F
Peak power	6000 W(1S)		
Rated power	3000 W		
Output waveform	Pure sine wave		
Output voltage	220V / 230 ±5 V		
Harmonic distortion	<3% (Impedance)		
Output frequency	50Hz(or 60Hz)		
Standby current	<0.9 A	<0.7 A	<0.5 A
Conversion efficiency	80% ~ 85%		
Rated voltage	12 V	24 V	48 V
Maximum input current	300 A	150 A	75 A
Input voltage range	9 V - 16 V	18 V - 32 V	38 V - 62 V
Under voltage protection	9.5 ± 0.5 V	19.9 ± 0.2 V	40.2 V ± 0.2 V
Under voltage tip	10.2 ± 0.5 V	20.9 ± 0.2 V	42.2 ± 0.2 V
Under pressure recovery	12.5 ± 0.5 V	24.7 ± 0.2 V	48.2 ± 0.2 V
Over voltage protection	15 ± 0.5 V	30.2 ± 0.2 V	60.4 ± 0.2 V
Over voltage recovery	14.8 ± 0.5 V	29.8 ± 0.2 V	60.1 ± 0.2 V

High temperature protection	Buzzer/LED warning
Output short circuit protection	Buzzer/LED warning
Output overload	Smart control
Load power factor	0.98
USB output	5 V 1000 mA
Battery reverse protection	No
Cooling way	Temperature control
Working temperature	-20 ~ 60°C
Storage temperature	-20 ~ 80°C
Working humidity	10~90% (No condensation)
Size/CTN	53 * 47.5 * 31.5 cm
G.W/CTN	28.28 kg
Packing	4 Pcs / CTN

