

PURE SINE WAVE INVERTER



>>PSA-1000A/B, PSA-2000A/B, PSA-3000A/B<<

FEATURES

1. Pure sine waveform output, input and output are completely independent.
2. Adopt new safe connecting terminal.
3. LCD screen display shows full working condition.
4. Suitable for inductive loads, such as air conditioner.
5. Overload protection with buzzer.
6. 2 USB charging Ports 5V 2.1A.
7. Conversion efficiency is up to 88%.
8. Multiple safe protection.



PSA-series

Technical Parameter

Model	PSA-1000A	PSA-1000B	PSA-2000A	PSA-2000B
Rated Power	1000W	1000W	2000W	2000W
Output Waveform	Pure Sine Wave			
Output Voltage	220V/230V±5V			
Harmonic distortion	<3%(Impedance load)			
Standby current	<1.5A	<1.3A	<2A	<2A
Conversion efficiency	Maximum 94%			
Rated Voltage	12V	24V	12V	24V
Maximum input current	200A	100A	300A	150A
Input Voltage Range	10-15V	20-32V	10V-15V	20V-32V
Under voltage protection	10V	20V	10V	20V
Under voltage tip	10.5V	21V	10.5V	21V
Under pressure recovery	12.3V	24.6V	12.3V	24.6V
Over voltage protection	15.5V	31V	15.5V	31V
Over voltage recovery	15V	30V	15V	30V
USB Output	5V 2.1Amax(PSA-3000D-24V does not include this function)			
High temperature protection	95°C			
Output short circuit protection	Yes			
Output overload	Intelligent Protection			
Load power factor	0.98			
Battery reverse protection	Fuse protection			
Cooling way	Intelligent fan			
Working temperature	-20-50°C			
Storage temperature	-20-80°C			

PURE SINE WAVE INVERTER



>>PSA-3000D<<

>>FPC-1000CL<<

FEATURES

1. Pure sine waveform output.
2. Adopt new safe connecting terminal.
3. LCD screen display shows full working condition.
4. Suitable for inductive loads, such as air conditioner.
5. Overload protection with buzzer.
6. 2 USB charging Ports 5V 2.1A.
7. Conversion efficiency is up to 88%.
8. Multiple safe protection.
9. Charging function.



>>PSA-5KG<<

PSA-series

Technical Parameter

Model	FPC-1000CL	PSA-3000D	PSA-5KG
Rated Power	1000W	2400W	5000W
Output Waveform	Pure Sine Wave		
Output Voltage	220V/230V±5V		
Harmonic distortion	<3%(Impedance load)		
Standby current	<1A	<1A	/
AC charging current	10A	30A	80A
Rated Voltage	12V	24V	48V
Maximum input current	100A	150A	150A
Input Voltage Range	10V-15V	20V-32V	40V-55V
Under voltage protection	9.5-10V	20V	40V
Under voltage tip	10-10.5V	21V	42V
Under pressure recovery	11.5-12V	24.6V	49.2V
Over voltage protection	15-15.5V	31V	61V
Over voltage recovery	14-14.5V	30V	59V
USB Output	5V 2.1Amax	/	/
High temperature protection	95°C		
Output short circuit protection	Yes		
Output overload	Intelligent Protection		
Load power factor	0.98		
Battery reverse protection	Fuse protection		
Cooling way	Intelligent fan		
Working temperature	-20-50°C		
Storage temperature	-20-80°C		