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PURE SINE WAVE POWER INVERTER

Over voltage
protection



Low voltage
protection



Over load
protection



Over temperature
protection



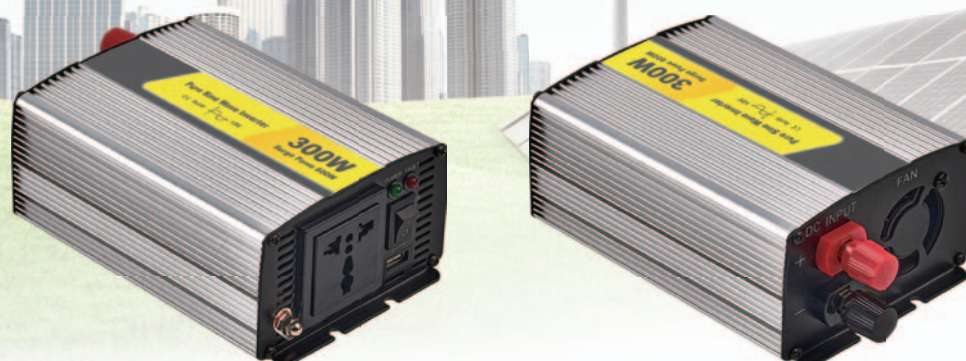
150W Pure sine wave power inverter



Technical parameters

Model	P-150W-12V	P-150W-24V	P-150W-48V
Rated Power	150W		
Peak Power	300W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.55A	≤0.3A	≤0.18A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	89%	91%	93%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size (mm)			
N.W/G.W(kg)			

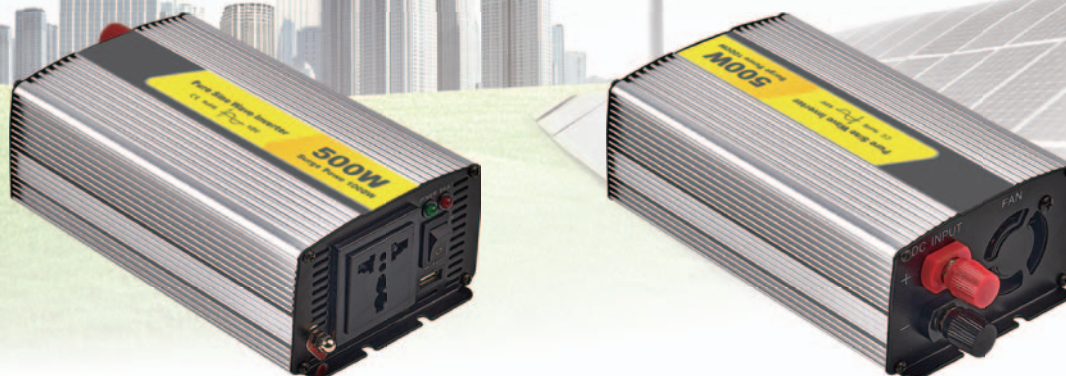
300W Pure sine wave power inverter



Technical parameters

Model	P-300W-12V	P-300W-24V	P-300W-48V
Rated Power	300W		
Peak Power	600W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.55A	≤0.3A	≤0.18A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	89%	91%	93%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	199mm*106mm*60mm		
N.W/G.W	0.8kg/1.06kg		

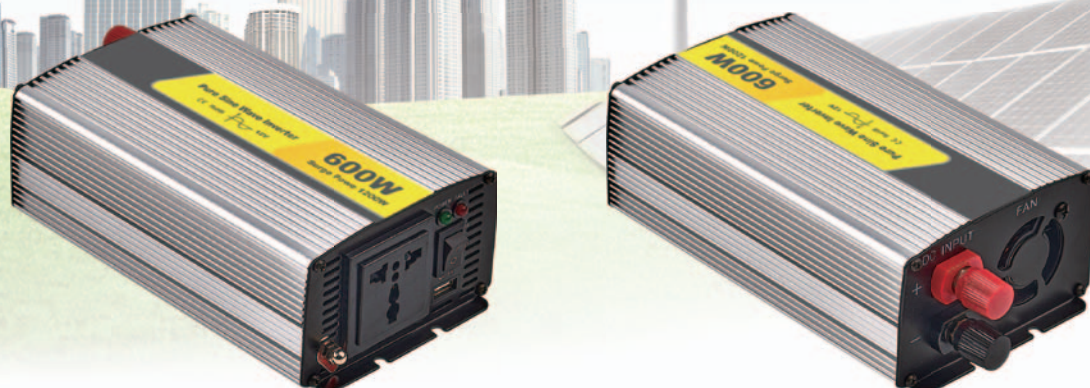
500W Pure sine wave power inverter



Technical parameters

Model	P-500W-12V	P-500W-24V	P-500W-48V
Rated Power	500W		
Peak Power	1000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.6A	≤0.3A	≤0.2A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	88%	90%	92%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	245mm*106mm*60mm		
N.W/G.W	1.06kg/1.34kg		

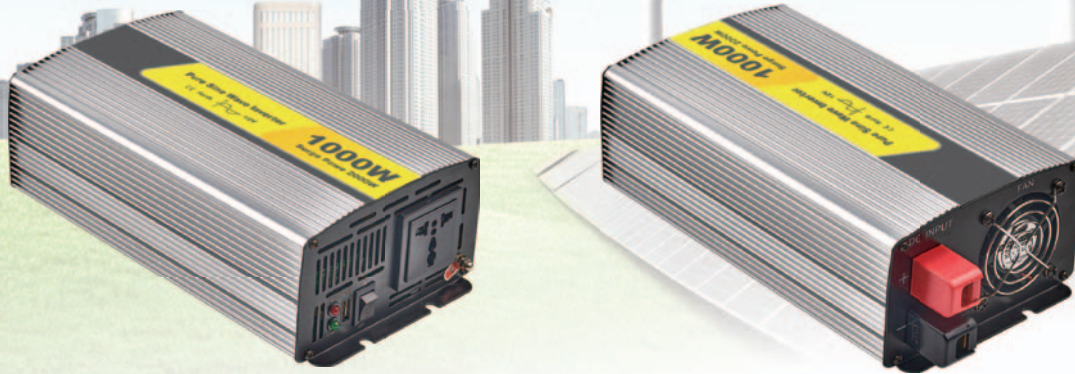
600W Pure sine wave power inverter



Technical parameters

Model	P-600W-12V	P-600W-24V	P-600W-48V
Rated Power	600W		
Peak Power	1200W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.6A	≤0.3A	≤0.2A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	88%	90%	92%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	245mm*106mm*60mm		
N.W/G.W	1.06kg/1.34kg		

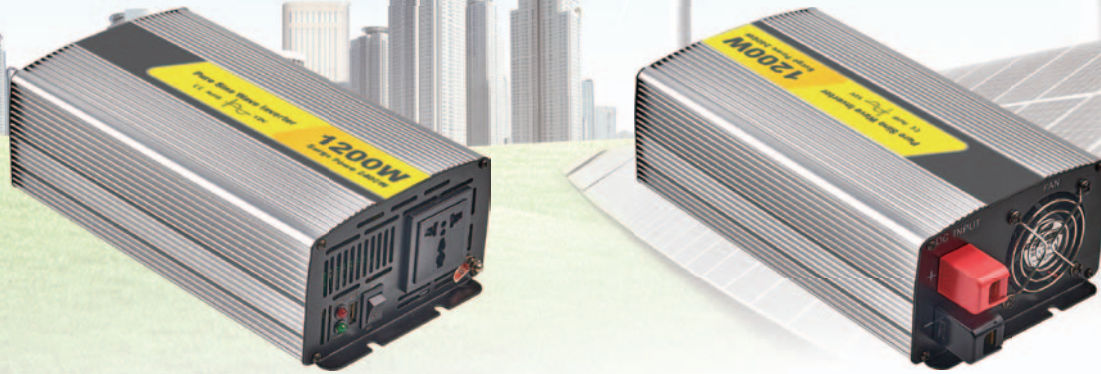
1000W Pure sine wave power inverter



Technical parameters

Model	P-1000W-12V	P-1000W-24V	P-1000W-48V
Rated Power	1000W		
Peak Power	2000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.6A	≤0.3A	≤0.2A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	88%	90%	92%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	295mm*135mm*76mm		
N.W/G.W	1.9kg/2.35kg		

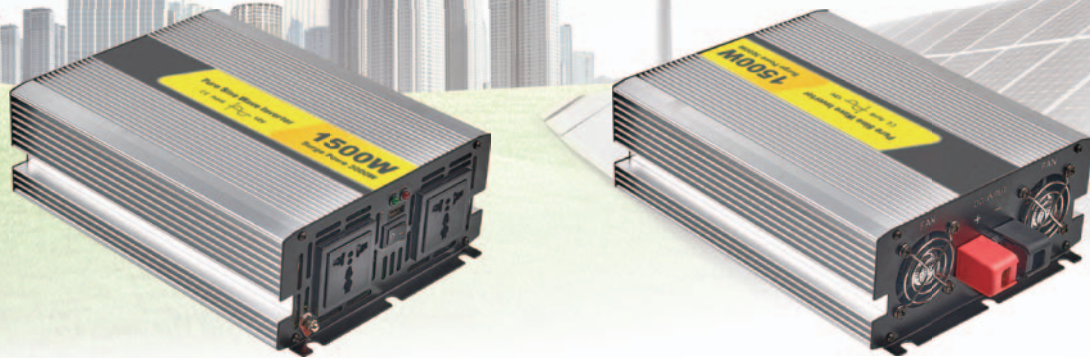
1200W Pure sine wave power inverter



Technical parameters

Model	P-1200W-12V	P-1200W-24V	P-1200W-48V
Rated Power	1200W		
Peak Power	2400W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.6A	≤0.3A	≤0.2A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5AA (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	88%	90%	92%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	295mm*135mm*76mm		
N.W/G.W	1.9kg/2.35kg		

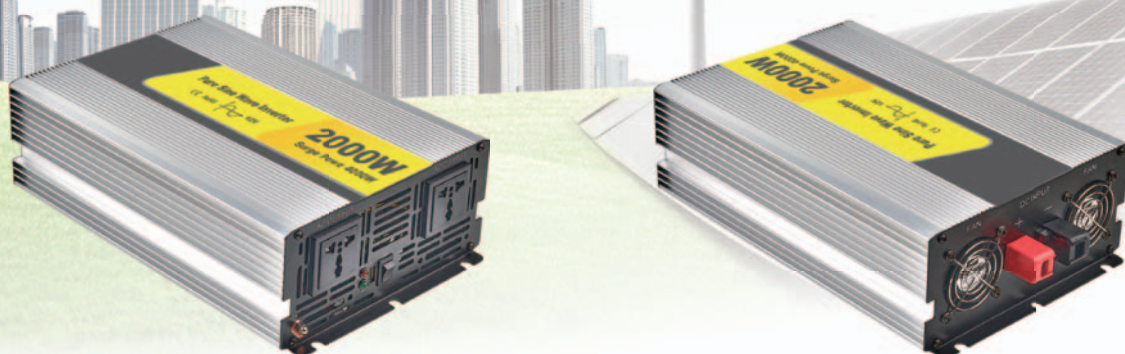
1500W Pure sine wave power inverter



Technical parameters

Model	P-1500W-12V	P-1500W-24V	P-1500W-48V
Rated Power	1500W		
Peak Power	3000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.8A	≤0.4A	≤0.2A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	90%	92%	95%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	335mm*180mm*76mm		
N.W/G.W	3.42kg/4kg		

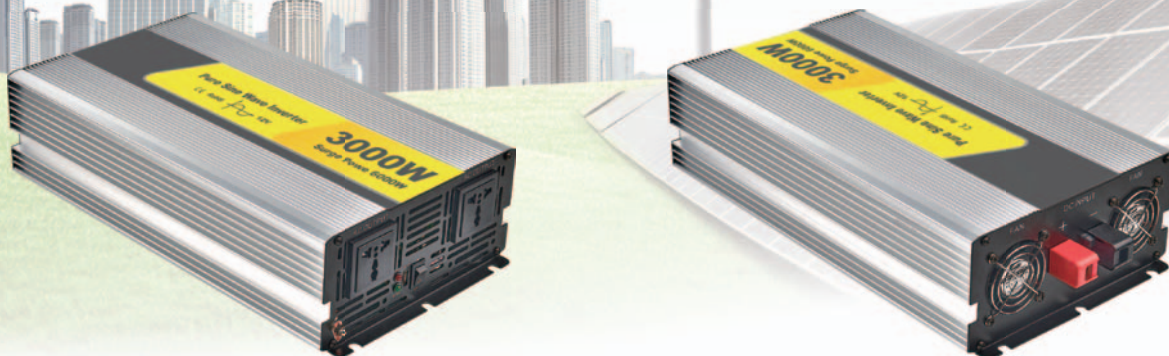
2000W Pure sine wave power inverter



Technical parameters

Model	P-2000W-12V	P-2000W-24V	P-2000W-48
Rated Power	2000W		
Peak Power	4000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.9A	≤0.55A	≤0.3A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	90%	92%	95%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	365mm*210mm*92mm		
N.W/G.W	4.7kg/5.48kg		

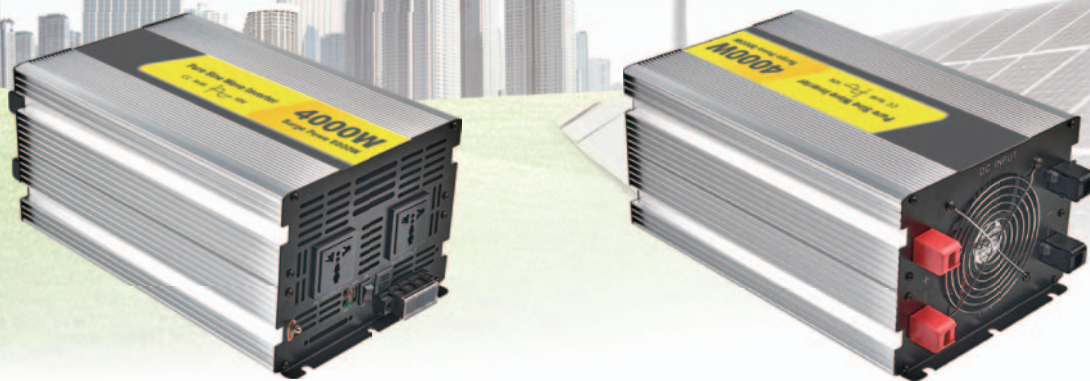
3000W Pure sine wave power inverter



Technical parameters

Model	P-3000W-12V	P-3000W-24V	P-3000W-48V
Rated Power	3000W		
Peak Power	6000W		
DC Input Voltage Range	DC1 2V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤1A	≤0.7A	≤0.4A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	90%	92%	95%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size	445mm*210mm*92mm		
N.W/G.W	6.3kg/7.3kg		

4000W Pure sine wave power inverter



Technical parameters

Model	P-4000W-12V	P-4000W-24V	P-4000W-48V
Rated Power	4000W		
Peak Power	8000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤1A	≤0.7A	≤0.4A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	90%	92%	95%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size			
N.W/G.W			

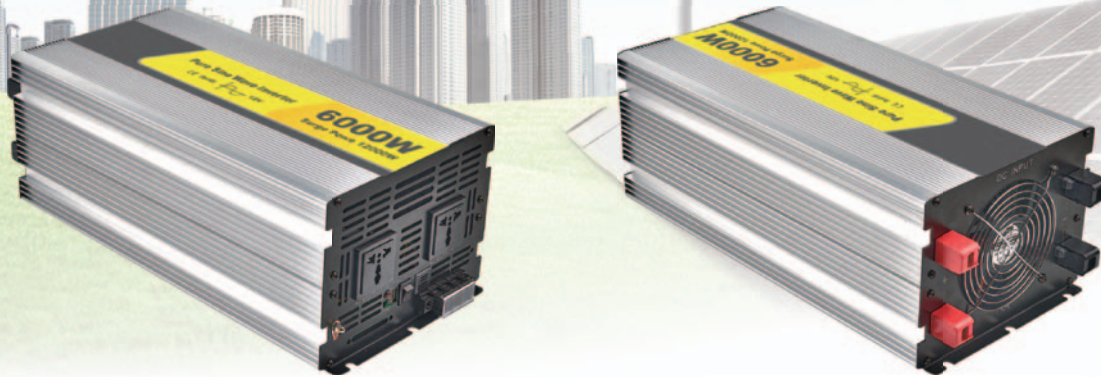
5000W Pure sine wave power inverter



Technical parameters

Model	P-5000W-12V	P-5000W-24V	P-5000W-48V
Rated Power	5000W		
Peak Power	10000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤1.2A	≤0.8A	≤0.5A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	90%	92%	95%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size			
N.W/G.W			

6000W Pure sine wave power inverter



Technical parameters

Model	P-6000W-12V	P-6000W-24V	P-6000W-48V
Rated Power	6000W		
Peak Power	12000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤1.2A	≤0.8A	≤0.5A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	LED or LCD display		
USB Output Voltage / Current	5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	90%	92%	95%
Low Voltage Protection	"Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Voltage Protection	" Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"		
Over Load Protection	"Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually."		
Over Temp Protection	" Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"		
Short Circuit Protection	Yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
Unit Size			
N.W/G.W			