

# Pure Sine Wave DC to AC Power Inverter - P Series

## Inverter Expert **P4000-4000W with USB**



### Features: ■

Input & output fully isolated. ◀

With USB output port ◀

**High Surge:** High surge current capability starts difficult loads such as TVs, ◀  
camps, motors and other inductive loads.

**Soft start:** Smooth start-up of the appliances. ◀

**Pure Sine Wave Output Waveform:** Clean power for sensitive loads. ◀

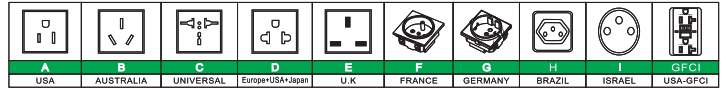
AC output identical to, and in some cases better than the power supplied by your utility. ◀

**Cooling Fan:** Control by load or temperature (optional) ◀

**Low Total Harmonic Distortion:** below 3% ◀

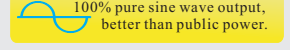
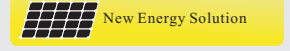
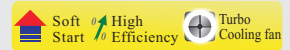
**Remote Control:** optional ◀

### AC Output Receptacles(optional)



### ■ SPECIFICATION:

MODEL		P4000-121	P4000-241	P4000-122	P4000-242
OUTPUT	AC VOLTAGE	100/110/120VAC		220/230/240VAC	
	RATED POWER	4000W			
	SURGE POWER	8000W(for few seconds)			
	USB	5V 500mA(optional)			
	WAVEFORM	Pure Sine Wave(THD<3%)			
	FREQUENCY	50/60Hz ±3Hz			
	AC REGULATION	±5%			
	STANDARD RECEPTACLES	A, B, C, D, E, F, G, H, I, GFCI(optional above)			
LED INDICATOR		Green for power on, red for failure / protection status indication			
INPUT	NO LOAD CURRENT DRAW	≤1.6A			
	DC VOLTAGE	12V	24V	12V	24V
	VOLTAGE RANGE	10.5~15.0VDC	21.0-30.0V DC	10.5~15.0VDC	21.0-30.0V DC
	EFFICIENCY (Typ.)	>87.0%	>90.0%	>87.0%	>90.0%
	FUSE	30A*16	15A*16	30A*16	15A*16
	DC CABLE	BVR16*6		BVR16*4	
PROTECTION	BAT.LOW ALARM	11±0.5V DC	22±1V DC	11±0.5V DC	22±1V DC
	BAT.LOW SHUTDOWN	10.5±0.5V DC	21.0±1V DC	10.5±0.5V DC	21.0±1V DC
	OVERLOAD	Shutdown			
	OVER VOLTAGE	14.8±0.5V DC	29.6±1V DC	14.8±0.5V DC	29.6±1V DC
	OVER TEMPRETURE	Shut-off output voltage, recover automatically after temperature goes down			
	SHORT CIRCUIT	Shut-off output voltage, repower on to recover			
	BAT.REVERSE POLARITY	By fuse open			
	SOFT START	Yes 5~10s			
	EARTH LEAKAGE	Yes			
ENVIRONMENT	RESET VOLTAGE AFTER LVS	11.8~12.8V DC	23.6~25.6V DC	11.8~12.8V DC	23.6~25.6V DC
	WORKING TEMP.	0-40℃			
	WORKING HUMIDITY	20%-90% RH non-condensing			
SAFETY & EMC	STORAGE TEMP.& HUMIDITY	-30℃-70℃ 22° F-185° F、10-95%			
	SAFETY STANDARDS	UL458(only for GFCI receptacle)			
	ISOLATION RESISTANCE	I/P-O/P: 1000Ohms/500VDC			
	EMI CONDUCTION & RADIATION	Compliance to EN55022 Class A			
	EMS IMMUNITY	Compliance to EN61000-3-2, 3			
	LVD	Compliance to EN60950-1: 2006+A11:2009			
OTHERS	E-MARK	Compliance to E8*72/245/EEC, 95/54/EC			
	DIMENSION	538*23*108mm			
	PACKING	8.98Kg, 2pcs/22.2Kgs/Ctn(57.5*32*38.5m)			
	COOLING FAN	Control by load/temperature(optional)			
APPLICATION		Home and office appliances, Power tools and portable equipments, Vehicle and solar power systems .....etc.			



### INSTALLATION

