

# 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.

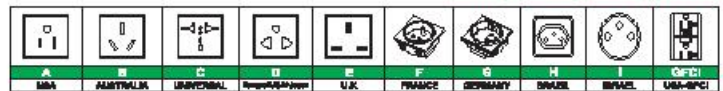
AC output identical to, and in some cases better than the power supplied by your utility.

**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
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			
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	
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			
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			
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			
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**

