

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)


| | | | | | | | | | |
|-----|-----------|-----------|------------------|-----|--------|---------|--------|--------|----------|
| | | | | | | | | | |
| A | B | C | D | E | F | G | H | I | GFCI |
| USA | AUSTRALIA | UNIVERSAL | Europe+USA+Japan | U.K | FRANCE | GERMANY | BRAZIL | ISRAEL | USA-GFCI |


■ SPECIFICATION:


| MODEL | | P4000-121 | P4000-241 | P4000-122 | P4000-242 |
|---------------|--|--|---------------|----------------|---------------|
| OUTPUT | AC VOLTAGE | 100/110/120VAC | | 220/230/240VAC | |
| | RAT ED 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 | | | |
| ENVIRONMENT | 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 | | | |
| 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 systemsetc. | | | |


 Soft Start


 High Efficiency


 Turbo Cooling fan

 Universal Protection Circuit

 Safety Low Shutdown
Overload
Over current
Over temperature

 Compact Design

 *L.I.T*
Low Interference Technology

 New Energy Solution

INSTALLATION

