

Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert

P400U-400W 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% ◀

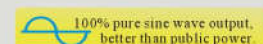
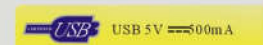


AC Output Receptacles(optional)



■ SPECIFICATION:

| MODEL | P400U-121 | P400U-241 | P400U-122 | P400U-242 |
|---------------------------|---|---------------|-----------------|---------------|
| AC VOLTAGE | 100/110/120 VAC | | 220/230/240 VAC | |
| RATED POWER | 400W | | | |
| SURGE POWER | 800W(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 | ≤0.6A | | | |
| DC VOLTAGE | 12V | 24V | 12V | 24V |
| VOLTAGE RANGE | 9.5~16.0VDC | 19.0-32.0VDC | 9.5~16.0VDC | 19.0-32.0VDC |
| EFFICIENCY (Typ.) | >87.0% | >90.0% | >90.0% | >93.0% |
| FUSE | 50A*1 | 25A*1 | 50A*1 | 25A*1 |
| DC CABLE | BVR4*2 | | BVR2.5*2 | |
| BAT LOW ALARM | 11±0.5V DC | 22±1V DC | 11±0.5V DC | 22±1V DC |
| BAT LOW SHUTDOWN | 10±0.5V DC | 20±1V DC | 10±0.5V DC | 21±1V DC |
| OVERLOAD | Shutdown | | | |
| OVER VOLTAGE | 15.5±0.5V DC | 29.6±1V DC | 14.8±0.5V DC | 29.6±1V DC |
| OVER TEMPERATURE | 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°C | | | |
| WORKING HUMIDITY | 20%-90% RH non-condensing | | | |
| STORAGE TEMP & HUMIDITY | -30°C-70°C 22° F-185° F, 10-95% | | | |
| SAFETY STANDARDS | UL458(only for GFCI receptacle) | | | |
| ISOLATION RESISTANCE | I/P-O/P: 1000ohms/500VDC | | | |
| EM 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 | 260*150*58mm | | | |
| PACKING | 1.6Kg, 6pcs/13Kgs/Ctn(57*30.5*30cm) | | | |
| COOLING FAN | Control by load/temperature(optional) | | | |
| APPLICATION | Home and office appliances, Power tools and portable equipments, Vehicle and solar power systems etc. | | | |



INSTALLATION

