

Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert **P150-150W with USB**

Features: ■

Input & output fully isolated. ◀

With USB output port ◀

High Surge: High surge current capability starts difficult loads such as TVs, ◀
amps, 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 ◀

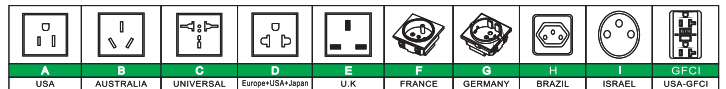
better than the power supplied by your utility.

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

Low Total Harmonic Distortion: below 3% ◀



AC Output Receptacles(optional)



■ SPECIFICATION:

| MODEL | | P150-121 | P150-241 | P150-481 | P150-122 | P150-242 | P150-482 |
|---------------|-------------------------|--|---------------|---------------|----------------|---------------|---------------|
| OUTPUT | AC VOLTAGE | 100/110/120VAC | | | 220/230/240VAC | | |
| | RATED POWER | 150W | | | | | |
| | SURGE POWER | 300W(for few seconds) | | | | | |
| | USB | 5V, 2.1A | | | | | |
| | 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 | ≤0.6A | | | | | |
| | DC VOLTAGE | 12V | 24V | 48V | 12V | 24V | 48V |
| | VOLTAGE RANGE | 9.5~16.0VDC | 19.0~32.0VDC | 38.0~64.0VDC | 9.5~16.0VDC | 19.0~32.0VDC | 38.0~64.0VDC |
| | EFFICIENCY (Typ.) | >87.0% | >90.0% | >90.0% | >87.0% | >90.0% | >90.0% |
| | FUSE | 50A*1 | 25A*1 | 15A*1 | 50A*1 | 25A*1 | 15A*1 |
| | DC CABLE | BVR4*2 | | | BVR4*2 | | |
| | BAT.LOW SHUTDOWN | 10±0.5V DC | 20±1V DC | 40±2V DC | 10±0.5V DC | 20±1V DC | 40±2V DC |
| PROTECTION | BAT.LOW ALARM | 11±0.5V DC | 22±1V DC | 44±2V DC | 11±0.5V DC | 22±1V DC | 44±2V DC |
| | OVERLOAD | Shutdown | | | | | |
| | OVER VOLTAGE | 15.5±0.5V DC | 29.6±1V DC | 59.2±2V DC | 15.5±0.5V DC | 29.6±1V DC | 59.2±2V 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 | | | | | |
| ENVIRONMENT | RESET VOLTAGE AFTER LVS | 11.8~12.8V DC | 23.6~25.6V DC | 47.2~51.2V DC | 11.8~12.8V DC | 23.6~25.6V DC | 47.2~51.2V DC |
| | WORKING TEMP. | 0-40°C | | | | | |
| | WORKING HUMIDITY | 20%-90% RH non-condensing | | | | | |
| SAFETY & EMC | STORAGE TEMP.& HUMIDITY | -30°C~70°C 22°F-185°F、10-95% | | | | | |
| | EMC | Compliance to EMC Directive 2014/30/EU | | | | | |
| | LVD | Compliance to LVD Directive 2014/35/EU | | | | | |
| | ROHS | Compliance to EU 2015/863 2011/65/EU | | | | | |
| | EMARK | Compliance to ECE R10.05:2014 | | | | | |
| OTHERS | IEC | Compliance to IEC62368 | | | | | |
| | DIMENSION | 226*108*62mm | | | | | |
| | PACKING | 0.82Kg, 16pcs/18.6Kgs/Ctn(53.5*34*30.5cm) | | | | | |
| | 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
- Compact Design
- L.I.T Low Interference Technology
- USB 5V 500mA
- New Energy Solution
- Mobile AC Source
- 100% pure sine wave output, better than public power.

INSTALLATION

