

Pure Sine Wave DC to AC Power Inverter - PX Series

Inverter Expert **PX2000-2000W with USB**

Features: ■



LCD digital display shows input and output data and fault alarm. ◀

Isolation and EMI filtering design. ◀

Ultra distance remote control within 1km by RS485 port. ◀

Upgraded polarity reverse protection controlled by mosfet without burning fuse. ◀

Host computer function (Optional) which can monitor totally 255 units of inverters. ◀

The system parameters are adjustable by selection button. ◀

Intelligent cooling fan with load and temperature controller both. ◀


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 | | PX2000-121 | | PX2000-122 | | PX2000-241 | | PX2000-242 | | PX2000-481 | | PX2000-482 | |
|--------------|--|--|--|----------------|--|------------------------------|--|----------------|--|------------------------------|--|----------------|--|
| INPUT | DCV | 12V | | | | 24V | | | | 48V | | | |
| | Voltage range | 10-15VDC | | | | 20-30VDC | | | | 40-60VDC | | | |
| | No-load Current | ≤1A | | | | | | | | | | | |
| | Convert efficiency | ≥90% | | | | | | | | | | | |
| | Fuse | 40A*8 | | | | 20A*8 | | | | 10A*8 | | | |
| | DC Wiring | RVV25*1 | | | | RVV10*1 | | | | RVV6*1 | | | |
| OUTPUT | ACV | 100/110/120VAC | | 220/230/240VAC | | 100/110/120VAC | | 220/230/240VAC | | 100/110/120VAC | | 220/230/240VAC | |
| | Rated power | 2000W | | | | | | | | | | | |
| | Peak power | 4000W | | | | | | | | | | | |
| | USB | 5V, 2.1A | | | | | | | | / | | | |
| | Waveform | Sine Wave (THD<3%) | | | | | | | | | | | |
| | Frequency | 50/60Hz±0.5Hz | | | | | | | | | | | |
| | ACV regulate rate | ±5% | | | | | | | | | | | |
| | output socket | A, B, C,D, E, F, G,H, I, J, K, L, M, N, GFCI | | | | | | | | | | | |
| | LED indicator | Green light: power indicator; red light: protection status and failure | | | | | | | | | | | |
| | Remote controller function | Default | | | | | | | | | | | |
| | RS485 | optional | | | | | | | | | | | |
| | LCD display | DC input voltage, AC output Voltage, AC output power, Battery Charge, load rate, Interface code and fault code | | | | | | | | | | | |
| PROTECTION | Input low voltage alarm | 11±0.5VDC, 10.5-11.5V settable | | | | 22±1VDC, 21-23V settable | | | | 44±2VDC, 42-46V settable | | | |
| | Input low voltage protection | 10.5±0.5VDC, 10-11V settable | | | | 21±1VDC, 20-22V settable | | | | 42±2VDC, 40-44V settable | | | |
| | Input low voltage protection recovery | 12±0.5VDC, 11.5-12.5V settable | | | | 24±1VDC, 23-25V settable | | | | 48±2VDC, 46-50V settable | | | |
| | Input over voltage protection | 15.3±0.5VDC, 15.2-16V settable | | | | 30.6±1VDC, 30.4-32V settable | | | | 61.2±2VDC, 60.8-64V settable | | | |
| | Input over voltage protection recovery | 14.7±0.5VDC, 14.5-15V settable | | | | 29.4±1VDC, 29-30V settable | | | | 58.5±2VDC, 58-60V settable | | | |
| | Overload/short-circuit protection | Lock up after protection (default) or restart after protection | | | | | | | | | | | |
| | Over temperature protection | Close output, automatic restart after temperature reduction | | | | | | | | | | | |
| | Input reversed protection | OK, no respond | | | | | | | | | | | |
| | Soft start | Yes,2-6S | | | | | | | | | | | |
| | Ground protection | Yes | | | | | | | | | | | |
| ENVIRONMENT | Work temperature | —20℃ -50℃ | | | | | | | | | | | |
| | Work humidity | 20%-90%RH no condense | | | | | | | | | | | |
| | Storage temperature & humidity | —30-70℃,10%-95%RH | | | | | | | | | | | |
| SAFETY & EMC | SAFETY STANDARDS | UL458(only for GFCI receptacle) | | | | | | | | | | | |
| | ISOLATION RESISTANCE | I/P-O/P:1000Ohms/500VDC | | | | | | | | | | | |
| | EMI CONDUCTION&RADIATION | Compliance to EN 55032:2015 | | | | | | | | | | | |
| | EMS IMMUNITY | Compliance to EN 55024:2010+A1:2015 | | | | | | | | | | | |
| | LVD | Compliance to EN 62368-1:2014+A11:2017 | | | | | | | | | | | |
| OTHERS | Size | 42.2*24.5*11.3cm | | | | | | | | | | | |
| | PACKING | 12.6KG/2PCS/CTN, 47*31*38CM | | | | | | | | | | | |
| | REMOTE CONTROLLER | Optional | | | | | | | | | | | |
| | COOLING FAN | Control by load/temperature(optional) | | | | | | | | | | | |
| | APPLICATION | Home and office appliances,Power tools and portable equipments,Vehicle and solar power systems...etc. | | | | | | | | | | | |


 Soft Start


 High Efficiency


 Turbo Cooling fan

 Universal Protection Circuit

 Battery Low Shutdown
Low Voltage
Over current
Over temperature

 Compact Design

 L.I.T
Low Interference Technology

 USB 5V 2.1A

INSTALLATION

