



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	J
USA	AUSTRALIA	UNIVERSAL	Europe+USA+Japan	U.K	FRANCE	GERMANY	BRAZIL	ISRAEL	USA-GFCI



RoHS



2 YEAR LIMITED WARRANTY

■ 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								
PROTECTION	LCD display	DC input voltage, AC output Voltage, AC output power, Battery Charge, load rate, Interface code and fault code								
	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								
ENVIRONMENT	Ground protection	Yes								
	Work temperature	—20℃ -50℃								
	Work humidity	20%-90%RH no condense								
SAFETY & EMC	Storage temperature & humidity	—30-70℃,10%-95%RH								
	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

Overload Protection

Over current Protection

Over temperature Protection

 Compact Design

 L.I.T
Low Interference Technology

 USB 5V 2.1A

INSTALLATION

