

# Pure Sine Wave DC to AC Power Inverter - PX Series

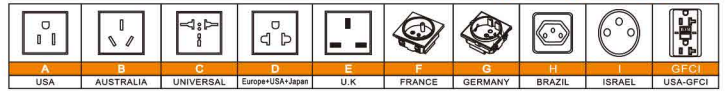
## Inverter Expert **PX3000-3000W with USB**

**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)**



**SPECIFICATION:**

MODEL	PX3000-121	PX3000-122	PX3000-241	PX3000-242	PX3000-481	PX3000-482
INPUT	DCV	12V		24V		48V
	Voltage range	10-15VDC		20-30VDC		40-60VDC
	No-load Current			≤ 1A		
	Convert efficiency			≥ 90%		
	Fuse	40A*12		20A*12		10A*12
	DC Wiring	RVV35*1		RVV16*1		RVV10*1
OUTPUT	ACV	100/110/120VAC	220/230/240VAC	100/110/120VAC	220/230/240VAC	100/110/120VAC
	Rated power	3000W				
	Peak power	6000W				
	USB	5V, 2.1A *2				
	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 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				
ENVIRONMENT	Input reversed protection	OK, no respond				
	Soft start	Yes,2-6S				
	Ground protection	Yes				
	Work temperature	-20℃-50℃				
SAFETY & EMC	Work humidity	20%-90%RH no condense				
	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				
OTHERS	EMS IMMUNITY	Compliance to EN 55024:2010+A1:2015				
	LVD	Compliance to EN 62368-1:2014+A11:2017				
	Size	482*245*113mm				
	PACKING	2PCS/CTN, 17.7KGS/CTN, CARTON SIZE: 53*31*38CM				
APPLICATION	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
- Compact Design
- L.I.T Low Interference Technology
- USB 5V 2.1A
- New Energy Solution
- Mobile AC Source
- 100% pure sine wave output, better than public power.

**INSTALLATION**

