

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

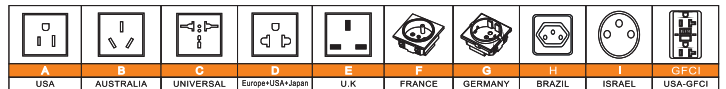
## Inverter Expert **PX1200-1200W with USB**



**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		PX1200-121	PX1200-122	PX1200-241	PX1200-42	PX1200-481	PX1200-482	
OUTPUT	DCV	12V		24V		48V		
	Voltage range	10-15VDC		20-30VDC		40-60VDC		
	No-load Current	≤1A						
	Convert efficiency	≥90%						
	Fuse	50A*4		25A*4		15A*4		
INPUT	DC Wiring	BVR16*1		BVR10*1		BVR6*1		
	ACV	100/110/120VAC	220/230/240VAC	100/110/120VAC	220/230/240VAC	100/110/120VAC	220/230/240VAC	
	Rated power	1200W						
	Peak power	2400W						
	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 EN55022 Class A						
	EMS IMMUNITY	Compliance to EN61000-3-2,3						
	LVD	Compliance to EN60950-1: 2006+A11:2009						
OTHERS	E-MARK	Compliance to E8*72/245/EEC,95/54/EC						
	Size	284*150*78.6mm						
	PACKING							
	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**

