

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)

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		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			
	DC Wiring	BVR16*1				BVR10*1				BVR6*1			
INPUT	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, Baterry 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℃										<div><div> Soft Start</div><div> High Efficiency</div><div> Turbo Cooling fan</div></div>	
	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											
	E-MARK	Compliance to E8*72/245/EEC,95/54/EC											
OTHERS	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.											
<div><div> USB 5V=2.1A</div></div>													

INSTALLATION

