

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

### Inverter Expert **PX700-700W 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



#### ■ SPECIFICATION:

MODEL		PX700-121		PX700-122	PX700-241	PX700-42	PX700-481	PX700-482	
OUTPUT	DCV	12V			24V		48V		
	Voltage range	10-15VDC			20-30VDC		40-60VDC		
	No-load Current	≤1A							
	Convert efficiency	≥90%							
	Fuse	50A*2			25A*2		15A*2		
	DC Wiring	BVR10*1			BVR4*1		BVR2.5*1		
INPUT	ACV	100/110/120VAC		220/230/240VAC		100/110/120VAC		220/230/240VAC	
	Rated power	700W							
	Peak power	1400W							
	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)					<div><div> Universal Protection Circuit</div><div> Compact Design</div><div><div> L.I.T</div>Low Interference Technology</div><div><div> USB</div>USB 5V==2.1A</div></div>		
	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.							

#### INSTALLATION

