carSPA® NEW ENERGY

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Pure Sine Wave DC to AC Power Inverter - PX Series

Inverter Expert PX3000-3000W with USB

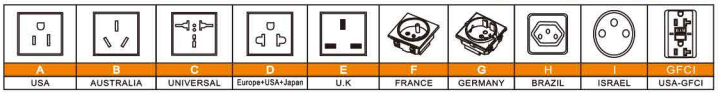


Features:

- 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.

PURE SINE WAVE · RoHS · USB · 2 YEAR LIMITED WARRANTY

AC Output Recepatacles(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	220/230/240VAC
	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					
	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 EN 55032:2015					
	EMS IMMUNITY	Compliance to EN 55024:2010+A1:2015					
	LVD	Compliance to EN 62368-1:2014+A11:2017					
OTHERS	Size	482*245*113mm					
	PACKING	2PCS/CTN, 17.7KGS/CTN, CARTON SIZE: 53*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

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

