

Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert

P2000U-2000W with USB

Features:

Input & output fully isolated.

With USB output port

High Surge: High surge current capability starts difficult loads such as TVs, camps, motors and other inductive loads.

Soft start: Smooth start-up of the appliances.

Pure Sine Wave Output Waveform: Clean power for sensitive loads.

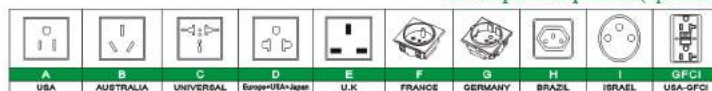
AC output identical to, and in some cases better than the power supplied by your utility.

Cooling Fan: Control by load or temperature (optional)

Low Total Harmonic Distortion: below 3%

Remote Control: optional

AC Output Receptacles(optional)



SPECIFICATION:

MODEL		P2000U-121	P2000U-241	P2000U-481	P2000U-122	P2000U-242	P2000U-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RATED POWER	2000W					
	SURGE POWER	4000W(for few seconds)					
	USB	5V,500mA(optional)					
	WAVEFORM	Pure Sine Wave(THD<3%)					
	FREQUENCY	50/60Hz ±3Hz					
	AC REGULATION	±5%					
	STANDARD RECEPTACLES	A, B, C, D, E, F, G, H, I, GFCI(optional as above)					
LED INDICATOR	Green for power on, red for failure / protection status indication						
INPUT	NO LOAD CURRENT DRAW	≤1.2A					
	DC VOLTAGE	12V	24V	48V	12V	24V	48V
	VOLTAGE RANGE	10.5~15.0VDC	21.0~30.0VDC	42~60VDC	10.5~15.0VDC	21.0~30.0VDC	42~60VDC
	EFFICIENCY (Typ.)	>87.0%	>90.0%	>90.0%	>87.0%	>90.0%	>90.0%
	FUSE	40A*6	20A*6	10A*6	40A*6	20A*6	10A*6
PROTECTION	DC CABLE	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2
	BAT LOW ALARM	11±0.5VDC	22±1VDC	44±2VDC	11±0.5VDC	22±1VDC	44±2VDC
	BAT LOW SHUTDOWN	10.5±0.5VDC	21.0±1VDC	42±2VDC	10.5±0.5VDC	21.0±1VDC	42±2VDC
	OVERLOAD	Shutdown					
	OVER VOLTAGE	14.8±0.5VDC	29.6±1VDC	58.4±2VDC	14.8±0.5VDC	29.6±1VDC	58.4±2VDC
	OVER TEMPERATURE	Shut-off output voltage, recover automatically after temperature goes down					
	SHORT CIRCUIT	Shut-off output voltage, repower on to recover					
	BAT REVERSE POLARITY	By fuse open					
ENVIRONMENT	SOFT START	Yes 5~10s					
	EARTH LEAKAGE	Yes					
	RESET VOLTAGE AFTER LVS	11.8~12.8VDC	23.6~25.6VDC	47.2~51.2VDC	11.8~12.8VDC	23.6~25.6VDC	47.2~51.2VDC
	WORKING TEMP.	0~40℃					
	WORKING HUMIDITY	20%-90% RH non-condensing					
	STORAGE TEMP.& HUMIDITY	-30℃~70℃ 22° F~185° F、10-95%					
	SAFETY STANDARDS	UL458(only for GFCI receptacle)					
	ISOLATION RESISTANCE	I/P-O/P: 1000Ohms/500VDC					
SAFETY & EMC	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					
	REMOTE CONTROL	Switch with 5m wire (optional)					
OTHERS	DIMENSION	405*230*108mm					
	PACKING	6.35Kg, 2pcs/15.3Kgs/Ctn(46*31.5*38.5cm)					
	COOLING FAN	Control by load/temperature(optional)					
	APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systemsetc.					

 Soft Start


 High Efficiency

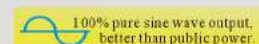
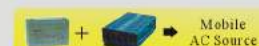
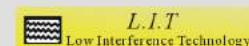
 Turbo Cooling fan

 Universal Protection Circuit

 Compact Design

 L.I.T.
Low Interference Technology

 USB 5V 500mA



Note: If without USB, Model is P2000