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Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert P1500U-1500W with USB

Quality

- 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 Recepatacles(optional)



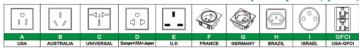












■ SPECIFICATION:

	MODEL	P1500U-121	P1500U-241	P1500U-481	P1500U-122	P1500U-242	P1500U-482	
	AC VOLTAGE	100/110/120VAC				220/230/240VAC		
OUTPUT	RAT ED POWER	1500W						
	SURGE POWER	3000W(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	≤lA						
	DC VOLTAGE	12V	24V	48 V	12V	24V	48 V	
	VOLTAGE RANGE	10.5~15.0VDC	21.0-30.0V DC	42~60V DC	10.5~15.0VDC	21.0-30.0V DC	42~60V DC	
	EFFICIENCY (Typ.)	>87.0%	>90.0%	>90.0%	>87.0%	>90.0%	>90.0%	
	FUSE	40A*5	20A*5	10A*5	40A*5	20A*5	10A*5	
	DC CABLE	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2	
	BAT.LOWALARM	11±0.5V DC	22±1VDC	44±2V DC	11±0.5V DC	22±1VDC	44±2V DC	
PROTECTION	BAT.LOW SHUTDOWN	$10.5 \pm 0.5 \text{V DC}$	21.0±1VDC	42±2V DC	10.5±0.5V DC	21.0±1VDC	42±2V DC	
	OVERLOAD			Shut	down			
	OVER VOLTAGE	14.8±0.5V DC	29.6±1VDC	58.4±2V DC	14.8±0.5V DC	29.6±1V DC	58.4±2V DC	
	OVERTEMPRETURE	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						
	SOFT START	Yes 5~10s						
	EARTH LEAKAGE	Yes						
ENVIRONMENT	RESET VOLTAGE AFTER LVS	11.8~12.8VDC	23.6~25.6V DC	47.2~51.2V DC	11.8~12.8VDC	23.6~25.6V DC	47.2~51.2V DC	
	WORKING TEMP.	0-40°C						
	WORKING HUMIDITY	20%-90% RH non-condensing						
SAFETY & EMC	STORAGE TEMP.& HUMIDITY	-30°C-70°C 22° F-185° F, 10-95% Soft High Start Mefficiency Cooling fan						
	SAFETY STANDARDS	UL458(only for GFCI receptacle)						
	ISOLATION RESISTANCE	I/P-O/P: 1000Ohms/500VDC				Universal Protection Circuit Universal Protection Constant Constant Control Constant Control		
	EMI CONDUCTION & RADIATION	Compliance to EN55022 Class A						
	EMS IMMUNITY	Compliance to EN61000-3-2, 3						
	LVD	Compliance to EN60950-1: 2006+A11:2009				Compact Des	ion	
	E- MARK	Compliance to E8*72/245/EEC, 95/54/EC					.5	
OTHERS	REMOTE CONTROL	Switch with 5m wire (ontional)						
	DIMENSION	405*230*108mm						
	PACKING	6.2Kg, 2pcs/15.3Kgs/Ctn(46*31.5*38.5cm)				Bow interference	, recimeregy	
	COOLING FAN	Control by load/temperature(optional)				TICD HED SV	-==5 00m A	
	APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systemsetc.				USB 3V	>00mA	
	AFFLICATION					New Energy Solution		
INSTALL	ATION	- E				2000 New Ellerg	y Solution	
			50 50 80 E			1 + 40 •	Mobile	
							AC Source	
			AC LOAD—			100% pure sine	wave output	