Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert P1500U-1500W with USB

Premium 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	
	RAT ED POWER	1500W					
	SURGE POWER	3000W(for few seconds)					
	USB	5V,500mA(optional)					
OUTPUT	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
	DCCABLE	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2
PROTECTION	BATLOWALARM	11±0.5V DC	22±1VDC	44±2V DC	11±0.5V DC	22±1VDC	44±2VDC
	BAT LOW SHUTDOWN	10.5±0.5V DC	21.0±1V DC	42±2VDC	10.5±0.5V DC	21.0±1VDC	42±2VDC
	OVERLOAD	101000001001001001001001		Shut	down		
	OVERVOLTAGE	14.8±0.5V DC	29.6±1V DC	58.4±2V DC	14.8±0.5V DC	29.6±1VDC	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				es .		
		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 D
	RESET VOLTAGE AFTER LVS	11.8~12.8 V DC					
NVIRONMENT		0-40°C	2010 2010 1 20				
NVIRONMENT		0-40℃					
NVIRONMENT	WORKING TEMP.	0-40℃ 20%-90% RH non-	-condensing			▲ Soft #High	Turbo
NVIRONMENT	WORKING TEMP WORKING HUMIDITY	0-40°C 20%-90% RH non- -30°C-70°C 22° F-	-condensing -185° F. 10-95%			Soft High	Turbo Cooling fan
NVIRONMENT	WORKING TEMP WORKING HUMIDITY STORAGE TEMP & HUMIDITY SAFETY STANDARDS	0-40°C 20%-90% RH non- -30°C-70°C 22° F- UL458(only for GI	-condensing -185° F. 10-95% FCI receptacle)				
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE	0-40°C 20%-90% RH non- -30°C-70°C 22° F- UL458(only for GI I/P-O/P: 1000Ohm	-condensing -185° F. 10-95% FCI receptacle) is/500VDC			Universal Protect	
	WORKING TEMP WORKING HUMIDITY STORAGE TEMP & HUMIDITY SAFETY STANDARDS	0-40°C 20%-90% RH non- -30°C-70°C 22° F- UL458(only for GI I/P-O/P: 1000Ohm Compliance to EN:	condensing -185° F. 10-95% FCI receptacle) as/500VDC 55022 Class A				
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY	0-40°C 20%-90% RH non30°C-70°C 22° F UL458(enly for GI I/P-O/P: 10000hm Compliance to EN. Compliance to EN.	condensing -185° F. 10-95% FCI receptacle) is/500VDC 55022 Class A 61000-3-2, 3			Universal Protect	IOR Programme State Control of Co
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION	0-40°C 20%-90% RH non30°C-70°C 22° F UL458(enly for GI I/P-O/P: 1000Ohm Compliance to EN Compliance to EN	-condensing -185° F. 10-95% FCI receptacle) is/500VDC 55022 Class A 61000-3-2, 3 60950-1: 2006+A11:	2009		Universal Protect	IOR Programme State Control of Co
NVIRONMENT SAFETY & EMC	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD E- MARK	0-40°C 20%-90% RH non30°C-70°C 22° F UL458(enly for GI I/P-O/P: 1000Ohm Compliance to EN Compliance to EN Compliance to EN Compliance to E8	-condensing -185° F. 10-95% FCI receptacle) is/500VDC 55022 Class A 61000-3-2, 3 60950-1: 2006+A11: P72/245/EEC, 95/54/	2009		Universal Protect Circuit Compact Des	Sign
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD	0-40°C 20%-90% RH non30°C-70°C 22° F UL458(enly for GI I/P-O/P: 1000Ohm Compliance to EN Compliance to EN Compliance to EN Compliance to E8 Switch with 5m wi	-condensing -185° F. 10-95% FCI receptacle) is/500VDC 55022 Class A 61000-3-2, 3 60950-1: 2006+A11: P72/245/EEC, 95/54/	2009		Universal Protect Circuit Compact Des	ion Registration Page 1
SAFETY & EMC	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD E-MARK REMOTE CONTROL	0-40°C 20%-90% RH non30°C-70°C 22° F UL458(enly for GI I/P-O/P: 1000Ohm Compliance to EN Compliance to EN Compliance to EN Compliance to E8 Switch with 5m wi 405*230*108mm	-condensing -185° F. 10-95% FCI receptacle) is/500VDC 55022 Class A 61000-3-2, 3 60950-1: 2006+A11: 272/245/EEC, 95/54// re (optional)	2009 EC		Universal Protect Circuit Compact Des	ion Regulation Page 1
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD E- MARK REMOTE CONTROL DIMENSION	0-40°C 20%-90% RH non30°C-70°C 22° F UL458(enly for GI I/P-O/P: 1000Ohm Compliance to EN Compliance to EN Compliance to EN Compliance to E8* Switch with 5m wi 405*230*108mm 6.2Kg, 2pcs/15.3K	-condensing -185° F. 10-95% FCI receptacle) is/500VDC 55022 Class A 61000-3-2, 3 60950-1: 2006+A11: P72/245/EEC, 95/54/	2009 EC		Universal Protect Circuit Compact Des L.I.	ion Regulation Page 1