

# PURE SINE WAVE POWER INVERTER - P SERIES

DC TO AC

Inverter Expert

## P1500-1500W 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. ◀

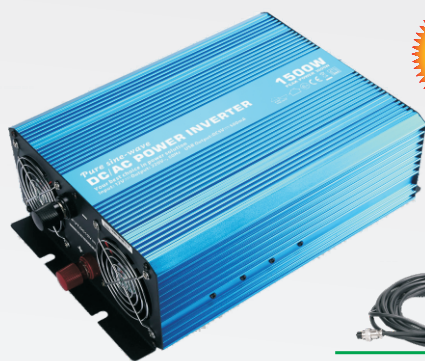
**AC output** identical to, and in some cases better than the power supplied by your utility. ◀

**Cooling Fan:** Control by load or temperature (optional) ◀

**Low Total Harmonic Distortion:** below 3% ◀

**Remote Control:** optional ◀

**AC Output Receptacles(optional)**



RoHS




2 YEAR LIMITED WARRANTY


A	B	C	D	E	F	G	H	I	GFCI
USA	AUSTRALIA	UNIVERSAL	Europe+USA+Japan	U.K	FRANCE	GERMANY	BRAZIL	ISRAEL	USA-GFCI


### SPECIFICATION:


MODEL		P1500U-121	P1500U-241	P1500U-481	P1500U-122	P1500U-242	P1500U-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	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	≤1A					
	DC VOLTAGE	12V	24V	48V	12V	24V	48V
	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
PROTECTION	BAT.LOW ALARM	11±0.5V DC	22±1V DC	44±2V DC	11±0.5V DC	22±1V DC	44±2V DC
	BAT.LOW SHUTDOWN	10.5±0.5V DC	21.0±1V DC	42±2V DC	10.5±0.5V DC	21.0±1V DC	42±2V DC
	OVERLOAD	Shutdown					
	OVER VOLTAGE	14.8±0.5V DC	29.6±1V DC	58.4±2V DC	14.8±0.5V DC	29.6±1V DC	58.4±2V DC
	OVER TEMPRETURE	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					
ENVIRONMENT	EARTH LEAKAGE	Yes					
	RESET VOLTAGE AFTER LVS	11.8~12.8V DC	23.6~25.6V DC	47.2~51.2V DC	11.8~12.8V DC	23.6~25.6V DC	47.2~51.2V DC
	WORKING TEMP.	0-40℃					
	WORKING HUMIDITY	20%-90% RH non-condensing					
SAFETY & EMC	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					
	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					
OTHERS	REMOTE CONTROL	Switch with 5m wire (optional)					
	DIMENSION	372*230*108mm					
	PACKING	4.9Kg, 2pcs/12.8Kgs/Ctn(43*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 systems .....etc.					


 Soft Start


 High Efficiency


 Turbo Cooling fan

 Universal Protection Circuit

 Battery Low Shutdown  
Overload  
Over temperature  
Over voltage

 Compact Design

 L.I.T  
Low Interference Technology

 USB 5V =500mA

### INSTALLATION

