carSPA® NEW ENERGY

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Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert P1500-1500W with USB





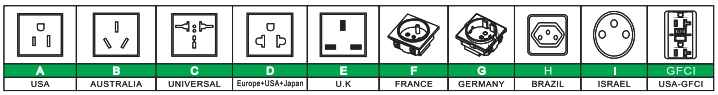


PURE SINE WAVE · RoHS · USB · 2 YEAR LIMITED WARRANTY

Features:

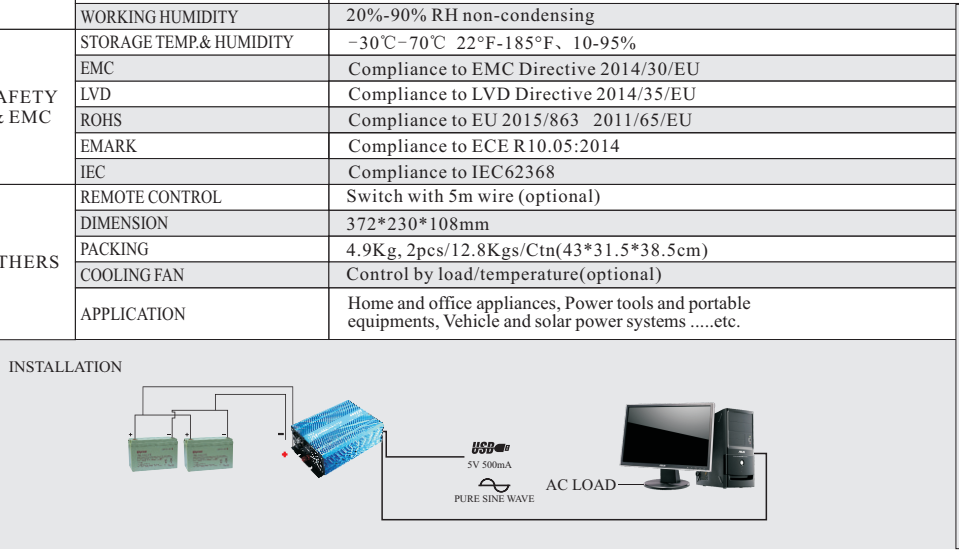
- Input & output fully isolated.
- With USB output port
- **High Surge:** High surge current capability starts difficult loads such as TVS, camps, motors and other inductive loads.
- **Soft start:** Smooth start-up of the appliances.
- **Pure Sine Wave Output Waveform:** Clean power for sensitive loads.
- **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		P1500-121	P1500-241	P1500-481	P1500-122	P1500-242	P1500-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RAT ED POWER	1500W					
	SURGE POWER	3000W(for few seconds)					
	USB	5V, 2. 1A					
	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					
	EARTH LEAKAGE	Yes					
ENVIRONMENT	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%					
	EMC	Compliance to EMC Directive 2014/30/EU					
	LVD	Compliance to LVD Directive 2014/35/EU					
	ROHS	Compliance to EU 2015/863 2011/65/EU					
	EMARK	Compliance to ECE R10.05:2014					
	IEC	Compliance to IEC62368					
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.					



INSTALLATION