carSPA® NEW ENERGY

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Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert P3000-3000W 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)

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		P3000-121	P3000-241	P3000-481	P3000-122	P3000-242	P3000-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RAT ED POWER	3000W					
	SURGE POWER	6000W(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 or protection status indication					
INPUT	NO LOAD CURRENT DRAW	≤1.6A					
	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	50A*6	25A*6	15A*6	50A*6	25A*6	15A*6
	DC CABLE (60CM)	BVR4*6	BVR4*4	BVR4*6	BVR4*6	BVR4*4	BVR4*6
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					
	GROUNDING PROTECTION	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	488*230*108mm					
	PACKING	7.8Kg, 2pcs/18.9Kgs/Ctn(56*32*40cm)					
	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

Compact Design

L.I.T Low Interference Technology

USB 5V ⎓500mA

New Energy Solution

Mobile AC Source

100% pure sine wave output, better than public power.

INSTALLATION

