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Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert P400-400W 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%

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

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		P400-121	P400-241	P400-122	P400-242
OUTPUT	AC VOLTAGE	100/110/120VAC		220/230/240VAC	
	RAT ED POWER	400W			
	SURGE POWER	800W(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 above)			
	LED INDICATOR	Green for power on, red for failure / protection status indication			
INPUT	NO LOAD CURRENT DRAW	≤0.6A			
	DC VOLTAGE	12V	24V	12V	24V
	VOLTAGE RANGE	9.5~16.0VDC	19.0-32.0VDC	9.5~16.0VDC	19.0-32.0VDC
	EFFICIENCY (Typ.)	>87.0%	>90.0%	>90.0%	>93.0%
	FUSE	50A*1	25A*1	50A*1	25A*1
	DC CABLE	BVR4*2		BVR2.5*2	
PROTECTION	BAT.LOW ALARM	11±0.5V DC	22±1V DC	11±0.5V DC	22±1VDC
	BAT.LOW SHUTDOWN	10±0.5V DC	20±1V D C	10±0.5V DC	21±1VDC
	OVERLOAD	Shutdown			
	OVER VOLTAGE	15.5±0.5V DC	29.6±1V DC	14.8±0.5V DC	29.6±1VDC
	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	11.8~12.8V DC	23.6~25.6V 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	DIMENSION	215*150*58mm			
	PACKING	1.4Kg, 8pcs/17Kgs/Ctn(52.5*38.5*30cm)			
	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

