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Pure Sine Wave DC to AC Power Inverter - P Series

Inverter Expert P400U-400W 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% ◀

















Quality



■ SPECIFICATION:

	MODEL				The Control of the Co
	MODEL	P400U-121	P400U-241	P400U-122	P400U-242
	AC VOLTAGE	100/1	10/120VAC	I TOTAL CONTROL OF THE PARTY OF	30/240VAC
	RAT ED POWER	400W			
	SURGEPOWER	800W(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 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			R2.5*2
PROTECTION	BATLOWALARM	11±0.5V DC	22±1VDC	11±0.5V DC	22±1VDC
	BATLOW SHUTDOWN	10±0.5V DC	20±1VDC	10±0.5VDC	21±1VDC
	OVERLOAD		Shut	down	
	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		Y	es	
	RESET VOLTAGE AFTER LVS	11.8~12.8VDC	23.6~25.6V DC	11.8~12.8V DC	23.6~25.6V DC
	THE PARTY OF THE P				
NVIRONMENT	WORKING TEMP.	0-40℃			<u> </u>
NVIRONMENT		0-40°C 20%-90% RH non-condens	ing	A So	ft High Turbo
NVIRONMENT	WORKING TEMP.			Se Se	oft High Turbo Cooling fan
NVIRONMENT	WORKING TEMP. WORKING HUMIDITY	20%-90% RH non-condens	10-95%		
50 174 0 9 0 0 9 9 50 0 0 0 0 0 0 0 0	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP & HUMIDITY	20%-90% RH non-condens -30℃-70℃ 22° F-185° F.	10-95% stacle)	Un Un	ff High Cooling fan High Cooling fan niversal Protection Manual Protection Cooling fan high Cooling fan high Cooling fan
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS	20%-90% RH non-condens -30°C-70°C 22° F-185° F UL458(only for GFCI recep	10-95% otacle)	Un Un	niversal Protection
50 174 0 9 0 0 9 9 50 0 0 0 0 0 0 0 0	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE	20%-90% RH non-condens -30°C-70°C 22° F-185° F. UL458(only for GFCI receptive-O/P:1000Ohms/500VC	10-95% otacle) OC lass A	Un Un	niversal Protection Implications
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION	20%-90% RH non-condens -30°C-70°C 22° F-185° F, UL458(only for GFCI recept/P-O/P: 1000Ohms/500VD Compliance to EN55022 Cl	10-95% otacle) OC lass A -2, 3	Un Un	niversal Protection
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY	20%-90% RH non-condens -30°C-70°C 22° F-185° F, UL458(only for GFCI recept/P-O/P: 1000Ohms/500VD Compliance to EN55022 Cl Compliance to EN61000-3-	10-95% otacle) OC lass A -2, 3 -2006+A11:2009	Un Un	niversal Protection have been been been been been been been be
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD	20%-90% RH non-condens -30°C-70°C 22° F-185° F, UL458(only for GFCI recept/P-O/P: 1000Ohms/500VI Compliance to EN55022 Cl Compliance to EN61000-3- Compliance to EN60950-1	10-95% otacle) OC lass A -2, 3 -2006+A11:2009	(a) (b) (c)	niversal Protection \bullet inverse in the contract of the contra
SAFETY	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP.& HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD E-MARK	20%-90% RH non-condens -30°C-70°C 22° F-185° F, UL458(only for GFCI recept/P-O/P: 1000Ohms/500VI Compliance to EN55022 Cl Compliance to EN61000-3- Compliance to EN60950-1 Compliance to E8*72/245/J	10-95% otacle) oC lass A -2, 3 2006+A11:2009 EEC, 95/54/EC	(a) (b) (c)	niversal Protection have been been been been been been been be
	WORKING TEMP. WORKING HUMIDITY STORAGE TEMP & HUMIDITY SAFETY STANDARDS ISOLATION RESISTANCE EMI CONDUCTION & RADIATION EMS IMMUNITY LVD E-MARK DIMENSION	20%-90% RH non-condens -30°C-70°C 22° F-185° F, UL458(only for GFCI rece I/P-O/P: 1000Ohms/500VI Compliance to EN55022 Cl Compliance to EN61000-3- Compliance to EN60950-1: Compliance to E8*72/245/1 260*150*58mm	10-95% stacle) DC lass A -2, 3 2006+A11:2009 EEC, 95/54/EC *30.5*30cm)	(a) (b) (c)	niversal Protection \bullet inverse in the contract of the contra