

## Pure Sine Wave DC to AC Power Inverter - P Series

### Inverter Expert **P600-600W 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% ◀

#### AC Output Receptacles(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




**RoHS**





**2 YEAR LIMITED WARRANTY**


#### ■ SPECIFICATION:

MODEL		P600-121	P600-241	P600-481	P600-122	P600-242	P600-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RAT ED POWER	600W					
	SURGE POWER	1200W(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	≤0.7A					
	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%	>90.0%	>90.0%	>90.0%
	FUSE	40A*2	20A*2	10A*2	40A*2	20A*2	10A*2
	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±15V 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					
OTHERS	E- MARK	Compliance to E8*72/245/EEC, 95/54/EC					
	DIMENSION	260*150*77.7mm					
	PACKING	2.1Kg, 6pcs/15.6Kgs/Ctn(57*30.5*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

Battery Low Shutdown  
Load Data  
Over Temperature

 Compact Design

 *L.I.T*  
Low Interference Technology

 New Energy Solution

#### INSTALLATION

