

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

## Inverter Expert **P2000-2000W 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. ◀

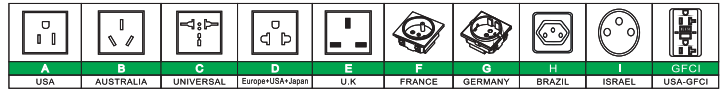
**AC output** identical to, and in some cases better than the power supplied by your utility. ◀

**Cooling Fan:** Control by load or temperature (optional) ◀

**Low Total Harmonic Distortion:** below 3% ◀

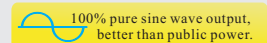
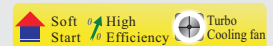
**Remote Control:** optional ◀

### AC Output Receptacles(optional)



### ■ SPECIFICATION:

MODEL	P2000-121	P2000-241	P2000-481	P2000-122	P2000-242	P2000-482
AC VOLTAGE	100/110/120VAC			220/230/240VAC		
RATED POWER	2000W					
SURGE POWER	4000W(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					
NO LOAD CURRENT DRAW	≤1.2A					
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*6	20A*6	10A*6	40A*6	20A*6	10A*6
DC CABLE	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2	BVR4*2
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					
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°C					
WORKING HUMIDITY	20%-90% RH non-condensing					
STORAGE TEMP.& HUMIDITY	-30°C~70°C 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					
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

