










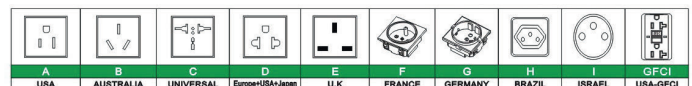


## Pure Sine Wave DC to AC Power Inverter P2000U series



-  Soft Start
  High Efficiency
  Turbo Cooling fan
-  Universal Protection Circuit
 Battery Low / Under Voltage / Overload / Short Circuit / Over Temperature / Over Voltage Protection
-  Compact Design
-  **L.I.T**  
Low Interference Technology
-  USB 5V  $\approx$  500mA
-  New Energy Solution
-  +   $\rightarrow$  Mobile AC Source
-  100% pure sine wave output, better than public power.



### ■ 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)
- 2 years limited warranty

### ■ Application

- Home and Office
- Power tools
- Portable equipments
- Vehicle
- Solar power system... ect.

**SPECIFICATION**

MODEL		P2000U-121	P2000U-241	P2000U-481	P2000U-122	P2000U-242	P2000U-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RATED POWER	2000W					
	SURGE POWER	4000W (for 5seconds)					
	USB	5V, 500mA (optional)					
	WAVEFORM	Pure Sine Wave (THD < 3%)					
	FREQUENCY	50/60Hz ± 3Hz					
	AC REGULATION	± 5%					
	STANDART 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	≤ 1,2A					
	DC VOLTAGE	12V	24V	48V	12V	24V	48V
	VOLTAGE RANGE	10,5 ~ 15 VDC	21 ~ 30 VDC	42 ~ 60 VDC	10,5 ~ 15 VDC	21 ~ 30 VDC	42 ~ 60 VDC
	EFFICIENCY (Typ.)	> 87%	> 90%	> 90%	> 87%	> 90%	> 90%
	FUSE	40A * 6	20A * 6	10A * 6	40A * 6	20A * 6	10A * 6
	DC CABLE	BVR4 * 2					
PROTECTION	BAT.LOW ALARM	11 ± 0,5 VDC	22 ± 1 VDC	44 ± 2 VDC	11 ± 0,5 VDC	22 ± 1 VDC	44 ± 2 VDC
	BAT.LOW SHUTDOWN	10 ± 0,5 VDC		42 ± 2 VDC	10 ± 0,5 VDC	21 ± 1 VDC	42 ± 2 VDC
	OVERLOAD	Shutdown					
	OVERLOAD VOLTAGE	14,8 ± 0,5 VDC	29,6 ± 1 VDC	58,4 ± 2 VDC	14,8 ± 0,5 VDC	29,6 ± 1 VDC	58,4 ± 2 VDC
	OVERLOAD TEMPERATURE	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 ~ 12,8 VDC	23,6 ~ 25,6 VDC	47,2 ~ 51,2 VDC	11,8 ~ 12,8 VDC	23,6 ~ 25,6 VDC	47,2 ~ 51,2 VDC
	WORKING TEMPERATURE	0 ~ 40°C					
	WORKING HUMIDITY	20% ~ 90% RH non-condensing					
SAFETY & EMC	STORAGE TEMP. & HUMIDITY	-30°C ~ 70°C -22°F ~ 158°F 10-95% RH non-condensing					
	SAFETY STANDARDS	UL458 (only for GFCI receptacle)					
	ISOLATION RESISTANCE	I/P-O/P:1000 Ohms / 500VDC					
	EMI CONDUCTION & RADIATION	Compliance to EN55022 Class A					
	EMC IMMUNITY	Compliance to EN61000-3-2,3					
	LVD - Low Voltage Devices	Compliance to EN60950-1:2006+A 11:2009					
	E-MARK	Compliance to E8 * 72/245/EEC, 95/54/EC					
OTHERS	REMOTE CONTROL	Switch with 5m wire (optional)					
	DEMENSION	405 * 230 * 108mm					
	PACKING	6,35kg 2pcs / 15,3kg/Carton (46 * 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.					

Note: If without USB, Model is P2000

