



Features

- With USB output port
- It designed to give you quality power, ease of use, and reliability.
- **Low battery alarm:** alerts you if the battery has become discharged to 11Volts or lower.
- **Low battery voltage shutdown:** shuts the inverter down automatically if the battery voltage drops below 10.5volts. it protects the battery from being completely discharged.
- **High battery voltage shutdown:** shuts the inverter down automatically if the input voltage rises to 15volts or more.
- **Digital display** the battery voltage & loading power.
- **Overload shutdown:** shuts the inverter down automatically if a short circuit is detected in the circuitry connected to the inverter's output, or if the loads connected to the inverter exceed the inverter's operating limits.
- **Over temperature shutdown:** shuts the inverter down automatically if its internal temperature rises above an unacceptable level.
- The **modified sine wave** output waveform suitable for many electronic loads.



AC Output Receptacles (optional) G (Germany)

Applications, just for reference



Specification

Model		PDA2500-12D	PDA2500-24D	PDA2500-48D
Output	AC Voltage	230V		
	AC Voltage Range	220~240V AC		
	AC Regulation	±10%		
	Rated Power	2500W		
	Peak Power	5000W (few seconds)		
	Waveform	Modified Sine Wave		
	Frequency	50/60Hz ±3		
	No Load Current Draw	≤1.35A		
	Efficiency	≥90%		
	USB	5V 500mA		
	LED Indicator	Green for power on / Red for power failure status		
	Cooling fan	By 30% loads or temperature control		
	Digital display	Voltage, Power		
Input	DC Voltage	12V	24V	48V
	Voltage Range	9.5~16V DC	19~32V DC	38~64V DC
	DC Connector	Battery cable BVR16*4ea	Battery cable BVR16*2ea	Battery cable BVR10*2ea
Protection	Low Voltage Alarm	11±0.5V DC	22±1V DC	44±2V DC
	Low Voltage Shutdown	9.5±0.5V DC	19±1V DC	38±2V DC
	Reset Voltage after L.V.S	11.5~12V DC	23~24V DC	46~48V DC
	Overload	Shut off output, auto.reset		
	Over Voltage shut down	15±0.5V DC	30±1V DC	60±2V DC
	Over Temperature	Shut off output automatically, auto.reset		
	Output Short-circuit	Shut off, auto.reset		
	Reverse Polarity	Fuse burn out		
	Replaceable Fuse	30A*10	15A*10	7.5A*10
	Soft Start	Yes, 3~5's		
Earth Leakage	Yes			
Accessory	Remote control	Optional		
Environment	Working temperature	0~30°C = @ 100% load; 40°C = @50% load		
	Working humidity	20%~90% RH non-condensing		
	Storage temp, humidity	-30~+70°C/-22~+158°F, 10~95%RH		
	Temp. coefficient	-20°C~+50°C; 10%~90%RH		
Safety&EMC	Isolation Resistance	I/P-O/P:100M Ohms/500VDC/25/70%RH		
	EMI Conduction & Radiation	Compliance to EN 61000-6-3		
	EMS Immunity	Compliance to EN 61000-6-1		
	LVD	Compliance to EN 60950-1		
	E-mark	Compliance to EN60950, EN61558-1-2		
Others	N.W. (g)	4220g		
	Dimension (cm)	33*23*10 (L*W*H)		
	Packing	Gift box, 2 units/11.2Kg/Ctn (40*31.5*38cm)		

Note: Specification prior to change without notice.

