

Portable Pure Sine Wave Inverter-Controller

PVES300 / PVES600 / PVES800 / PVES1000

Introduction:

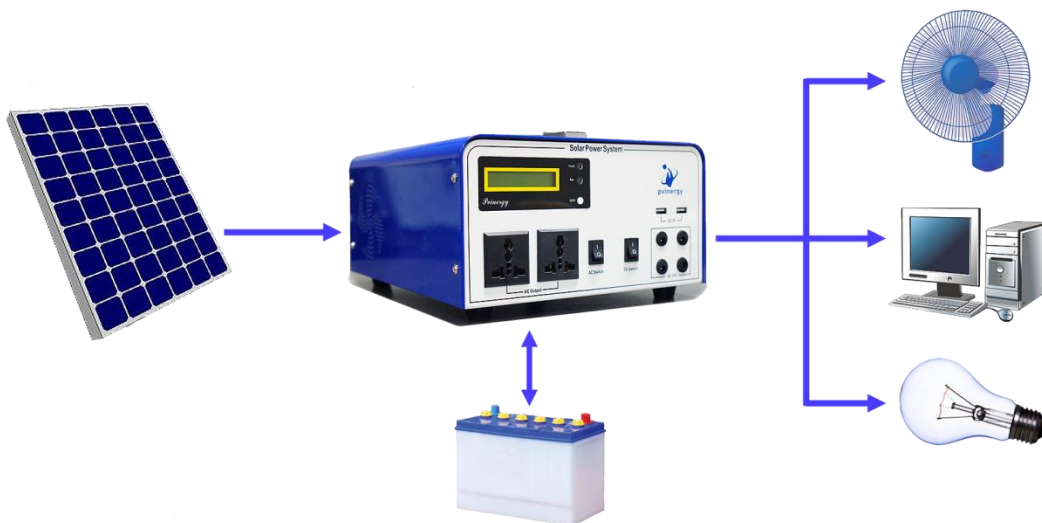
PVES series is portable pure sine wave inverter-controller, transforming 12VDC or 24VDC into 220VAC, also providing 12VDC or 24VDC, and 5VDC USB at the same time.

This series include 300W, 600W, 800W and 1000W. The system can supply power for both DC and AC electric application such as electric fan, lighting lamps, television, portable computer, etc.



Features:

- Provide DC and AC outputs
- Built-in solar chargers
- Pure sine wave
- Portable, plug and play installation.
- USB port available for mobile devices
- Output short-circuit protection
- Over charged protection
- Over discharged protection
- Over load protection
- Over-temperature protection
- PV reverse polarity protection



Model		PVES300	PVES600	PVES800	PVES1000
Solar Charging Controller	Operating Voltage	12V	24V		
	Max PV Voltage (Voc)	25V	60V		
	Rated charging Current (PWM)	10A			20A
	Self-consumption	≤9mA			
DC Output	DC output & Application	USB 5V2A			
	DC output & Application	DC 12V 2A*4	DC 24V 2A*4		
AC Output	Output Wave	sine wave			
	Input Voltage	10.5V~16V	21V~32V		
	Output Voltage	220V±5%			
	Output Frequency	50Hz±2Hz/60Hz±2Hz			
	Rated Output Power	300W	600W	800W	1000W
	Maximum VA	600VA	1200VA	1600VA	2000VA
	Efficiency	>85%			
Battery	Under voltage warning	11V	22V		
	Low Voltage Shut off	10.5V	21V		
	High Voltage Shut off	16V	32V		
System Data	Working temp.	0°C~+45°C			
	Cooling Fan	When the temperature up to 45, the fan start working.			
Mechanical	Weight	5.5Kg	5.7kg	6.0kg	6.2Kg
	Standard	CE Certificate			

Model	PVES300	PVES600	PVES800	PVES1000
Battery	12V/ 100AH lead-acid	12V/ 100AH*2 lead-acid	12V/ 100AH*2 lead-acid	12V/ 200AH*2 lead-acid
Solar panel	120W poly	250W poly	250W poly	250W*2 poly
Loads	4PCS 3W LED lights- 10 hours Fan 60W- 5 hours TV 50W- 6 hours Laptop 65W- 3 hours	4PCS 3W LED lights- 10 hours Fan 60W- 10 hours TV 50W- 10 hours Laptop 65W- 6 hours Fridge 150W- 2 hours	4PCS 3W LED lights- 10 hours Fan 60W- 10 hours TV 50W- 10 hours Laptop 65W- 6 hours Fridge 150W- 2 hours	4PCS 3W LED lights- 10 hours Fan 60W- 15 hours TV 50W- 15 hours Laptop 65W- 10 hours Fridge 150W- 4 hours

