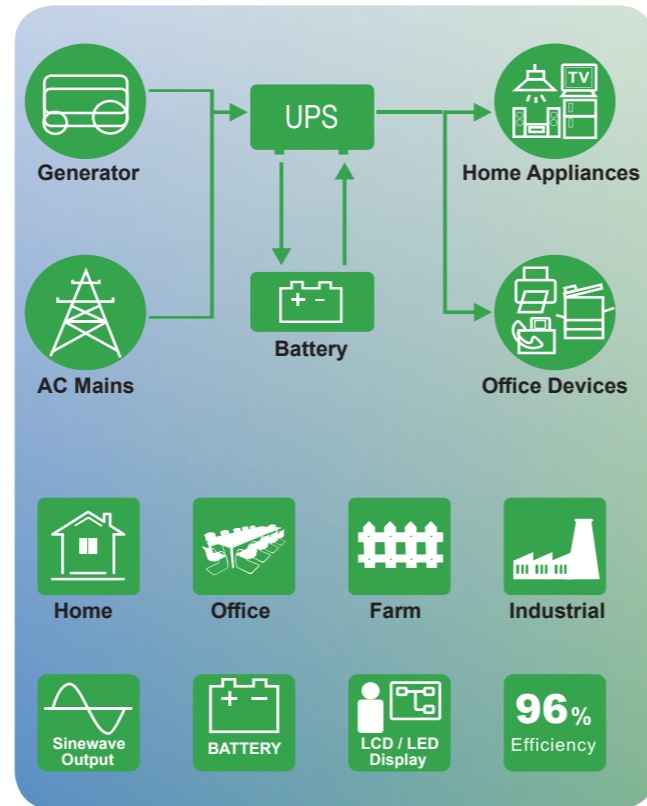


PLW Inverter Series 1KW-6000W

Application

All kinds of home appliance, office equipment, solar power system, and other equipment which use single phase power.



Features

- ◆ Pure sine wave output, available for sensitive load.
- ◆ 3-step progressive charging, 7 battery type selectors.
- ◆ 35A/50A/70A/90A (According to the inverter model).
- ◆ Accept generator's energy output.
- ◆ High power factor.
- ◆ Automatically transfer between battery and line modes.
- ◆ Microprocessor control guarantees high reliability.
- ◆ Bypass without battery connected.
- ◆ LED/LCD display, Enhanced functions setting via LCD Man-machine intelligent design.
- ◆ Remote control function.
- ◆ Protection against.
- ◆ Over load, over temperature, over charging, low battery.
- ◆ Reverse connection (optional by hard connector).

PLW Inverter Series 1KW-6KW

Pure Sine Wave charger inverter

Specifications

Model	PLW 1000	PLW 2000	PLW 3000	PLW 4000	PLW 5000	PLW 6000	
AC Input	Nominal Power	1000W	2000W	3000W	4000W	5000W	6000W
	Voltage	120/230VAC					
	Acceptable Voltage	194-243VAC/164-243VAC(wide mode)					
	Line low Transfer	85V±4%/184(154 wide mode±4%)					
	Line low Return	95V±4%/194(164 wide mode±4%)					
	Line high Transfer	135V±4%/253±4%					
	Line high Return	127V±4%/243±4%					
	Frequency	50Hz or 60Hz					
	Line low Transfer	47Hz for 50Hz, 57Hz for 60 Hz					
Line high Transfer	55Hz for 50Hz, 65Hz for 60 Hz						
Output	Phase & waveform	Pure Sine Wave(bypass mode sync to input)					
	Voltage	100/110/120/130VAC, 208/220/230/240VAC (bypass mode sync to input)					
	Voltage Regulation	±10%rms (bypass mode sync to input)					
	Frequency	50Hz±0.3Hz(bypass mode sync to input)					
	Peak Power	3 times of rating power					
	Short Circuit Protection	Yes, shutdown after 10ms					
	Power Factor	0.9-1.0					
Solar Charger	Battery Voltage	12V/24V/48V			24V/48V		
	Minimum Start Voltage	10V for 12V, 20V for 24V, 40V for 48V					
	Low Battery Alarm	10.5V for 12V, 21V for 24V, 42V for 48V					
	Low Battery Transfer	10V for 12V, 20V for 24V, 40V for 48V					
	High Voltage Alarm	16V for 12V, 32V for 24V,64V for 48V					
	Max Charging Current	35A/70A					
	Over charge Voltage	15.7V for 12V,31.4V for 24V, 62.8V for 48V					
Transfer Efficiency	Line Mode	>95%					
	Battery Mode	>88%					
	Power saver	Available when the load is less than 25 Watts					
Indicators	Nominal DC input Voltage	24/48VDC					
	Switch selector	Saving Mode is on/off when push the switch forwards/backwards ,Keeping it horizontal is turning the inverter off.					
	Audible Alarm	Sounding when the heatsink's tem is over 105°C and shutdown after 30 seconds.					
	Protections	low battery/ over charging /over temp/over load					
Communications	RS-232/USB(custom-made)						
Enviromental	Operating Environment	0-40°C ,0-90%°C RH(non-condensing)					
	Audible Noise	60dB max					
	Dimension(L*W*H)	480*225*190mm			660*225*200mm		
	Net Weight(kg)	14.5kg	19kg	24.5kg	34.5kg	38kg	45kg

◆ Product specifications are subject to change without further notice.

