

PW Series 8~12KW

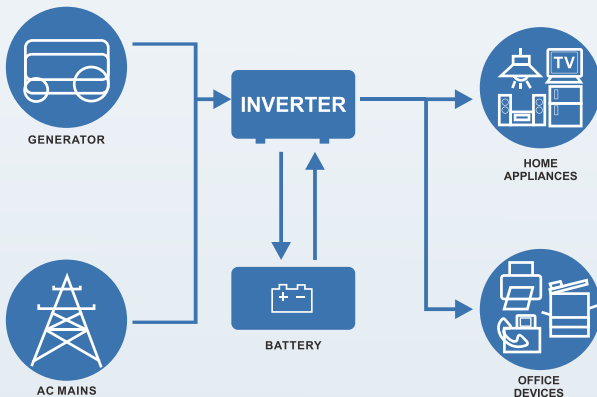


All kinds of home appliance, office equipment, solar power system, and other equipments which use single phase power.

Features:

- ◆ PW Pure sine wave charger inverter 8-12KW.
- ◆ LED/LCD display, Enhanced functions setting via LCD, Man-machine intelligent design.
- ◆ 5 stages adjustable AC charging current. AC charging also can be closed.
- ◆ AC/DC priority modes can be set.
- ◆ RS-232, Generator restart signal. (Dry contact)
- ◆ 3 times peak power. Strong loading capacity.
- ◆ Overload, output short-circuit protection.

Application:



Home



Office



Farm



Industrial



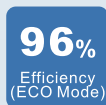
sinewave output



AC charger



LCD/LED display



96%
Efficiency
(ECO Mode)

Specifications

Pure Sine Wave charger Inverter

Model	PW8KW	PW10KW	PW12KW
Power Rating	8KW	10KW	12KW
Input	Sinusoidal(utility or generator)		
	Nominal input Voltage 230Vac		
	Low Line Disconnect 184Vac±4%		
	Low Line Re-connect 194Vac±4%		
	High Line Disconnect 263Vac±4%		
	High Line Re-connect 253Vac±4%		
	Max AC input Voltage 270Vrms		
	Nominal input Frequency 50Hz:41-54Hz, 60Hz:51-64Hz		
Output	Sine wave		
	Rated Output Power(KW)	8kw	10kw
	Power Factor	0.9~1.0	
	Nominal Output Voltage (V)	230Vac ±10%rms	
	Nominal Output Frequency (Hz)	60Hz ± 0.3Hz, 50Hz ± 0.3Hz	
DC Voltage	Nominal DC Input Voltage 48V/72V		
	DC Voltage range 42-62Vdc for 48VDC, 60-93Vde for 72VDC		
	Low Battery Alarm 42.0Vdc±1.2Vdc for 48V battery, 63.0Vdc±1.8Vdc for 72V battery		
	Low DC input shut-down 40.0Vdc±1.2Vdc for 48V battery, 60.0Vdc±1.8Vdc for 72V battery		
	High DC input Alarm & Fault 64.0Vdc±1.2Vdc for 48V battery, 96.0Vdc±1.8Vdc for 72V battery		
	High DC input Recovery 62.0Vdc±1.2Vdc for 48V battery, 93.0Vdc±1.2Vdc for 72V battery		
Charger	Nominal Charger Current 35A/50A(adjustable 5 stages charging current)		
	Over charge Protection Bat.V≥62Vdc/93Vdc,beeps 0.5s every 1s & fault after 60s		
Efficiency	Efficiency (Battery Mode) ≥85%		
	Efficiency (Line Mode) >98%		
Transfer Time	AC to DC 20ms(max)		
	DC to AC 15ms(max)		
System Parameter	Over-Load Protection 110%<load<150%, beeps 0.5s every 1s, and Fault after 60s off the output, load>150%, beeps 0.5s every 1s, and Fault after 20s		
	Output Short Circuit Protection Current limit(Fault after 10s)		
	Surge Rating(10s) 1:3(VA)		
	Power Saver Load≤25W(Enabled on "P/S auto"Setting of Remote control)		
	Protections Low battery,over charging,over load,over temp		
	Indicators LED+LCD Display		
General Specifications	Operating Temperature Range 0°C to 40°C		
	Storage Temperature -15°C~60°C		
	Operation humidity 5% to 95%(non-condensing)		
	Audible Noise 60dB max		
	cooling Forced air,variable speed fan		
	Dimension(L*W*H) 550*255*630mm		
	Net Weight(kg)	60.1kg	71.2kg

◆ Product specifications are subject to change without further notice.