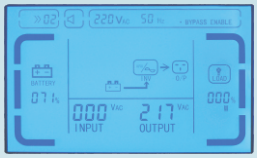
ATO

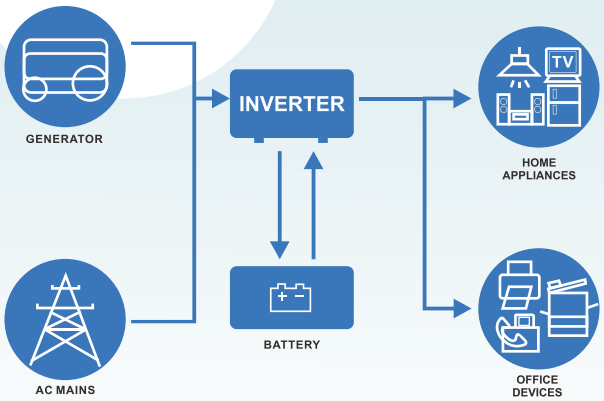
LW Series

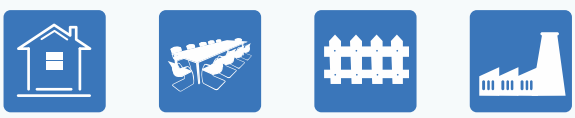
LW Pure Sine Wave Inverter Charger 1000W-6000W



LCD Display

Application:





Home Office Farm Industrial

Application:

LW Pure Sine Wave Inverter Charger 1000W-8000W, LED/LCD digital display, 3times peak power, low frequency type with transformer, UPS function. It widely applied in wind generator, Solar power system, house, vehicle, ship, navigation and places where lack of city power, mobile electricity work and telecommunications device, launch Station.

Key Features:

※ LED/LCD digital display show voltage, load and battery info in real time.
※ Peak power is three times of rating power.
※ Can work with inductive load such as air conditioner, motor door and so on.
※ Pure sine wave output, available for sensitive load.
※ 4-step progressive charging, 7 battery type selector.
※ Fast and powerful charger with 35A and 75A/90A.
※ Accept generator's energy output.
※ High power factor 0.9, low power consumption.
※ Automatically transfer between battery and line modes.
※ Microprocessor control guarantees high reliability.
※ Remote control function.
※ Protection against : Over load,over temperature,over charging,low battery.
※ LED/LCD display panel optional.

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SPECIFICATIONS:

Model		LW1000	LW2000	LW3000	LW4000	LW5000	LW6000
Nominal Power		1000W	2000W	3000W	4000W	5000W	6000W
AC Input	Phase	Single Phase					
	Waveform	Pure Sine Wave					
	Voltage	110V/120V/130VAC or 220V/230V/240VAC					
	Acceptable Voltage	95-126VAC or 194-253VAC±4%					
	Low Line Disconnect	85VAC±4% or 184VAC±4%					
	Low Line Re-connect	95VAC±4% or 194VAC±4%					
	High Line Disconnect	136VAC±4% or 263VAC±4%					
	High Line Re-connect	126VAC±4% or 253VAC±4%					
	Frequency	50Hz: 41-54Hz or 60Hz: 51-64Hz					
AC Output	Phase & Waveform	Single Phase & Pure Sine Wave (bypass mode sync to input)					
	Voltage	110V/120V/130VAC or 220V/230V/240VAC ±10%rms (bypass mode sync to input)					
	Frequency	50Hz±0.3Hz or 60Hz±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					
DC Input	Battery Voltage	12VDC or 24VDC or 48VDC					
	Minimum Start Voltage	10VDC or 20VDC or 40VDC					
	Low Battery Alarm	10.5±0.3VDC or 21±0.6VDC or 42±1.2VDC					
	Low DC Input Shut-down	10±0.3VDC or 20±0.6VDC or 40±1.2VDC					
	High DC Voltage Alarm & Fault	16±0.3VDC or 32±0.6VDC or 64±1.2VDC					
	High DC Input Recovery	15.5±0.3VDC or 31±0.6VDC or 62±1.2VDC					
	Max Charger Current	20A/35A/50A/75A/90A (According to the inverter mode)					
Efficiency	Line Mode	>96%					
	Battery Mode	>85%					
System Parameter	Power saver	Load ≤ 25W (Enabled on "P/S auto" setting of Remote control)					
	Audible Alarm	Sounding when the heat sink's temperature is over 105℃ and shutdown after 30 seconds.					
	Over Load Protection	110%<load<150%, beeps 0.5s every 1s, and Fault after 60s. Load>150%, beeps 0.5s every 1s, and Fault after 20s.					
	Protections	Low battery, over charging, over temperature, over load					
	Indicators	LCD display					
	Operating Environment	0-40℃, 0-90% RH (non-condensing)					
	Audible Noise	<60dB					
	Net Weight (kg)	15	19.5	25	35.5	39	47.5
	Dimension (LxWxH)	470×223×185mm			650×223×185mm		

* Product specifications are subject to change without further notice.