

# LW Series 1000~6000W

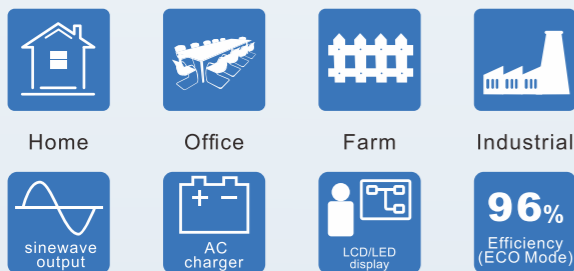
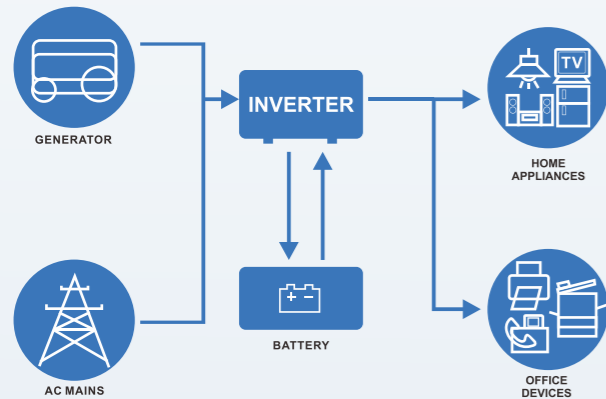


All kinds of home appliance, office equipment, solar power system, and other equipments which use single phase power.

## Features:

- ◆ All kinds of home appliance, office equipment, solar power system, and other equipments which use single phase power.
- ◆ Pure sine wave output, available for sensitive load.
- ◆ 3-step progressive charging, 7 battery type selector.
- ◆ 35A/50A/70A/90A (According to the inverter model).
- ◆ High power factor.
- ◆ Automatically transfer between battery and line modes.
- ◆ Microprocessor control guarantees high reliability.
- ◆ Remote control function.
- ◆ Over load, over temperature, over charging, low battery.

## Application:



## Specifications

Pure Sine Wave charger Inverter

Model	LW1000	LW2000	LW3000	LW4000	LW5000	LW6000
<b>Power Rating</b>	1000W	2000W	3000W	4000W	5000W	6000W
<b>AC Input</b>	Voltage: 120VAC/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					
<b>Out Input</b>	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					
<b>Solar Charger</b>	Battery Voltage: 12V/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					
<b>Transfer Efficiency</b>	Line Mode: >95% Battery Mode: >88% Power saver: Available when the load is less than 25 Watts					
<b>Indicators</b>	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 Switch selector: RS-232/USB(custom-made)					
<b>Enviromental</b>	Operating Temperature Range: 0-40°C, 0-90%RH(non-condensing) Audible Noise: <60dB Dimension(L*W*H): 480*225*190mm Net Weight(kg): 14.5kg      19.0kg      24.5kg      34.5kg      38.0kg      45.0kg					

◆ Product specifications are subject to change without further notice.