

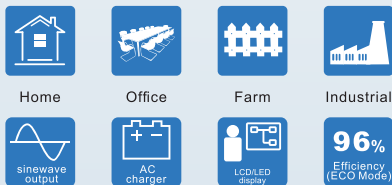
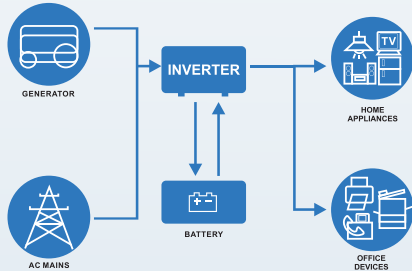
# LW Series 1000~6000W



## 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.
- ◆ 4-step progressive charging, 7 battery type selector.
- ◆ 5A/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.
- ◆ 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 (auto sensing) 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		24V/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.