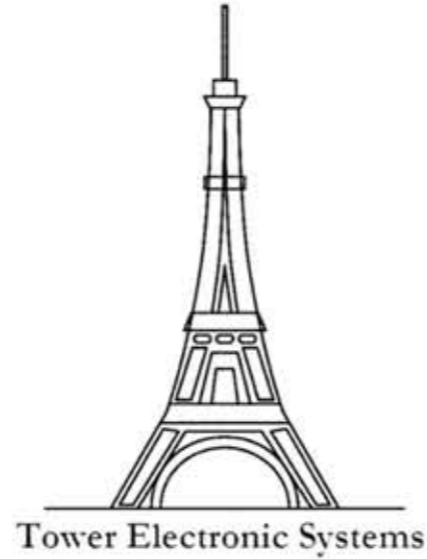


# LW Series

Line Interactive Inverter

LW Series



## Overview

The LW Series is a Pure sine wave Inverter with built in charger. It's low frequency, transformer based design can deliver a 3 X peak power. It's compatible with Solar and Wind generated inputs.

## Key Features

- LCD digital display shows voltage, load and battery information in real time
- 3 x rated power overload ability
- Compatible with inductive loads. ie Aircons
- Pure sine wave output
- 4 step progresive charging
- High power factor
- Low power consumption
- Automatic transfer between battery and line input
- Microprocessor control
- Remote control function (Optional)
- Protection against overload, over temperature, over charging, low battery



## SPECIFICATIONS:



Model	LW1500	LW3000	LW6000
Nominal Capacity	1.5VA / 1.5kW	3kVA 3kW	6kVA / 6kW
Input	Nominal Voltage		
	220/230/240VAC (Selectable)		
	Acceptable Voltage		
	194 - 253VAC ± 4%		
	Low Line Disconnect		
	184VAC ± 4%		
	Low Line Reconnect		
194AC ± 4%			
High Line Disconnect			
263VAC ± 4%			
High Line Reconnect			
253VAC ± 4%			
Frequency			
41 - 54Hz			
Output	Output Voltage Range		
	220/230/240VAC ± 10%rms (bypass mode sync to input)		
	Output Frequency		
	50Hz ± 0.3Hz (bypass mode sync to input)		
	Output Waveform		
	Pure Sine Wave (bypass mode sync to input)		
	Output Power Factor		
0.9 - 1			
Peak Power			
3 Times Rated Power			
Short Circuit Protection			
Shutdown After 10ms			
Battery	Nominal DC Voltage		24VDC
	Quantity		2pcs
	Maximum Charge Current		4pcs
Efficiency	20A/35A/50A/75A/90A (Selectable Dependant on Model)		
	Battery Mode		
	>85%		
Line Mode			
>96%			
Power Saver Mode			
Load<=25W (enabled on "P/S auto" setting of remote control)			
Overload			
110%<load<150% for 60sec ; >150% for 20sec			
Protection			
Low Battery, Overcharging, Over Temperature, Overload			
Indicators	LCD Display	UPS Status, Battery Capacity, Loading, Fault Codes	
Audible Alarms			
Over Temperature			
Communication	RS232		
	Monitor UPS through Direct Cable Connection & Software		
	SNMP (optional)		
Network Control UPS through Management Software & Internet			
Environment	Remote Display (optional)		
	Monitor UPS via External Screen		
	Operating Temperature		
0-40°C			
Operating Humidity			
0-90% Non-Condensing			
Noise (1meter distance)			
<60dB			
Dimensions (WxDxH) mm		222x480x185	225x650x190
Weight (kg)		11.5	23
			36

\* Product specifications are subject to change without prior notice.



LCD Display



LED Panel

