

Low frequency Inverter LW1000-6000W



Product Name: **Low frequency Inverter LW1000-6000W**  
 Mode No. : LW1000,LW2000,LW3000,LW5000,LW6000

Classification: Low frequency Inverter

Introduction: Based on transformer technology, strong loading capacity. Used for all kinds of home/office equipments, solar power system.



Model		LW1000	LW2000	LW3000	LW4000	LW5000	LW6000	
AC Input	Nominal Power	1000W	2000W	3000W	4000W	5000W	6000W	
	Voltage	120VAC/230VAC				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)						
Out Input	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						
DC Input	Battery Voltage	12V/24V/48V			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						
	High Voltage Alarm	16V for 12V, 32V for 24V, 64V for 48V						
	Max Charging Current	20A/35A/70A/90A						
	Over charge Voltage	15.7V for 12V, 31.4V for 24V, 62.8V for 48V						
Transfer Efficiency	Line Mode	>95%						
	Battery Mode	>88%						
	Power saver	Available when the load is less than 25 Watts						
Indicators	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						
	Communications	RS-232/USB(custom-made)						
	Audible Noise	<60dB						
	Net Weight (KG)	18	20	22	35	38	40	
	Dimension(LxWxH)	446×218×179mm				605×218×179mm		