

Home intelligent voltage and frequency stabilizing power supply

WP-4000/6000/8000

User's manual



1 、 Overview:

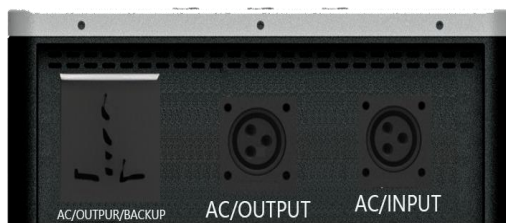
WP-4000/6000/8000 series is the latest home intelligent voltage and frequency stabilizer. It adopts sheet metal painting technology, is lightweight and portable, and has a stylish appearance. After connecting to the mains, it does not require manual settings and automatically runs the voltage and frequency stabilization function to provide a steady supply of power for the family.

This product is a household intelligent voltage and frequency stabilizing power supply designed for power shortage areas, areas with unstable grid voltage, areas with frequent power outages, and places where high precision equipment is required.

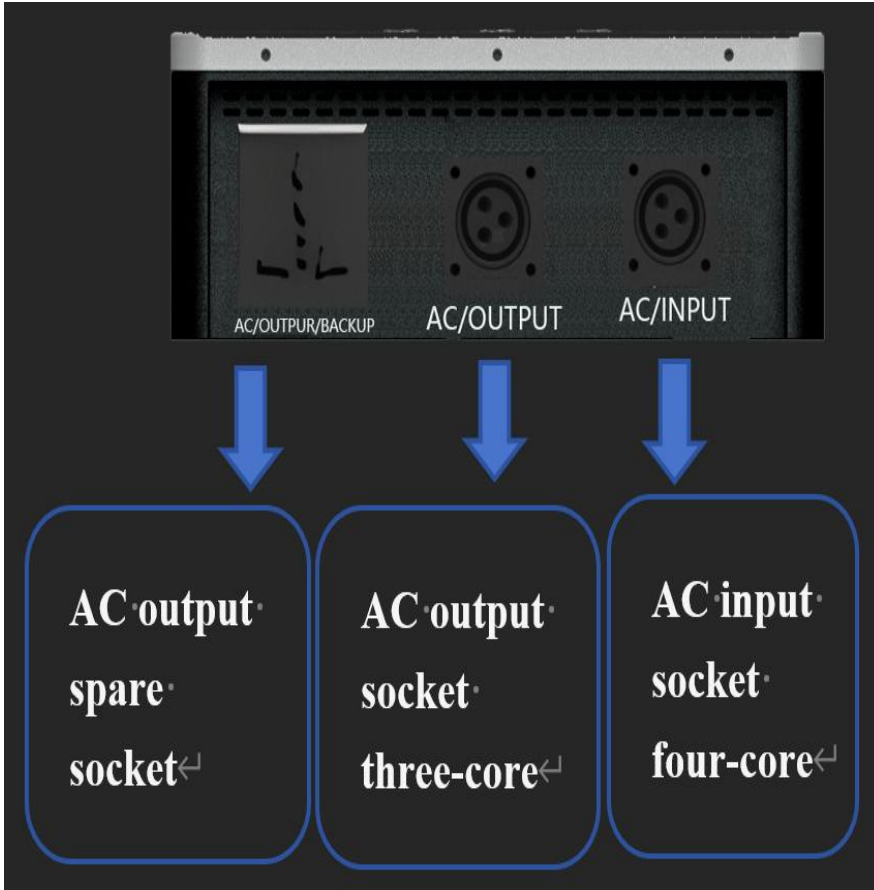
The product is designed with ultra-wide voltage input and automatic voltage stabilization output to ensure stable load operation. The product is designed with ultra-wide frequency input and automatic frequency stabilization output to ensure that the electrical appliances will not be burned out due to low or high frequency when carrying inductive loads.

This design is used in the power grid system to solve the problem of unstable power grid voltage and easy damage to electrical appliances during household use. It solves the electricity problem of people in production and life. It is a product that truly benefits mankind and is also a product of rigid demand!

2. appearance



3.Function



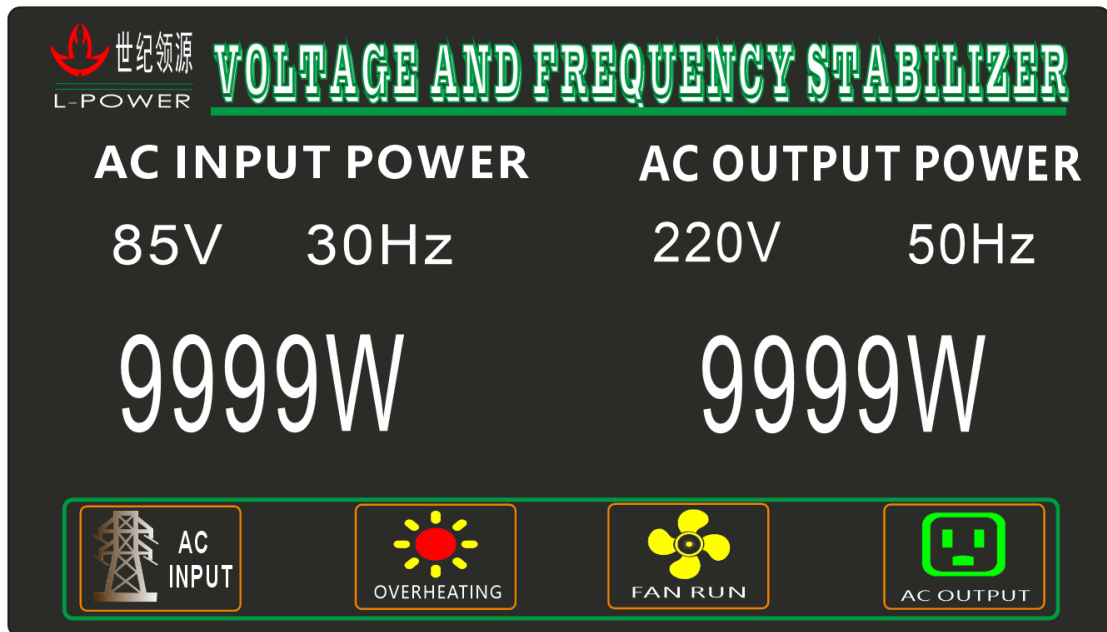
3. Parameters of voltage and frequency stabilized power supply

Name	parameter	Unit	Product Model WP-4000/6000/8000			
			WP-4000	WP-6000	WP-8000	
AC INPUT	Input voltage range	V/AC	AC85V-310V	AC85V-310V	AC85V-310V	
	Input frequency	HZ	30-100HZ	30-100HZ	30-100HZ	
	Input voltage and efficiency ratio	AC/85V		75%	75%	75%
		AC/95V		85%	85%	85%
		AC/110V		90%	90%	90%
		AC/130V		95%	95%	95%
		AC/310V		98%	98%	98%

	Graphical display				
	Input power factor	1	0.99	0.99	0.99
	Power-on mode		Soft Start Mode	Soft Start Mode	Soft Start Mode
	undervoltage protection	AC	80V	80V	80V
	overvoltage protection	AC	320V	320V	320V
	Temperature protection	°C	85°C	85°C	85°C
	Overload protection	W	42000W	6200W	8200W
AC OUTPUT	Standard output voltage	AC/V	220V	220V	220V
	No-load output voltage	AC/V	228V	228V	228V
	Load output voltage	AC/V	210V-220V	210V-220V	210V-220V
	Output frequency	HZ	50HZ	50HZ	50HZ
	Frequency fluctuation range	HZ	48-52HZ	48-52HZ	48-52HZ
	Output Power	W	4000W	6000W	8000W
	Overload protection	W	4200W	6200W	8200W
	Average efficiency	%	92%	92%	92%
	Overload protection time	ms	50ms	50ms	50ms
	Output short circuit protection		YES	YES	YES
	Switch mode		Tactile switch	Tactile switch	Tactile switch
	Output waveform		AC pure sine wave	AC pure sine wave	AC pure sine wave
temperature	Output	°C	85°C	85°C	85°C

	temperature protection				
	Fan start temperature	°C	45°C	45°C	45°C
Product weight and dimensions	length	CM	29	29	29
	width	CM	11	11	11
	high	CM	45	45	45
	net weight	KG	8.5	10.5	12.5
	Packed size	CM	32*13*48	32*13*48	32*13*48
	Packed weight		9.5	11.5	13.5

4.Function panel operation instructions



1. After fixing the machine, first connect the AC mains input to the AC input interface of the machine. Note that the direction is 1 for the live wire, 2 for the neutral wire, and 3 for the ground wire (this interface is a 5-core interface) ◦
2. Then connect the output interface of the machine to the main power line of the household power supply. Note that the direction is 1 for the live wire, 2 for the neutral wire, and 3 for the ground wire (this interface is a 3-core interface).
3. There is also a universal socket on the machine, which is a backup interface for AC output ◦

4. After all the lines are connected, turn on the system switch of the machine. The display screen will light up at this time. The display screen will show the current input voltage and frequency, and the tower character of AC input will be displayed at the same time.
5. Turn on the AC output button and press it for 3 seconds to start the machine. This is a soft start. The normal startup time is 3 seconds. After startup, the current output voltage and frequency will be displayed on the screen before it can be used normally.
6. During use, the AC input voltage, frequency, power and AC output voltage, frequency, power will display the current real-time data at the same time. The input power should be greater than the output power because conversion efficiency will be generated in the middle.
7. When the machine is turned on and there is AC output, the AC output characters at the bottom of the display screen are also displayed.
8. When the machine generates heat during operation, the internal fan will start and the fan character on the display will light up.
9. When the machine is running, the heat is too high. When the temperature exceeds 85 degrees, the machine will stop the AC output power, and the overheating character on the display will be lit. When the temperature drops below 75 degrees, the machine will automatically start the AC output function.
10. To start the system, press and hold the button for 3 seconds. The display screen lights up and you can release the power button. To start the AC output, press and hold the button for 3 seconds. To shut down, just press it shortly.

5. packing list

Number	Name	Quantity
1	Intelligent voltage and frequency stabilizing power supply host	1
2	AC input adapter cable	1
3	AC output adapter cable	1
4	Instruction manual Warranty card Certificate of conformity	1

6 Products

