SAMA

P SERIES

1200W / 1000W / 850W

www.samagears.com

EN

Operating Conditions

Operating temperature : 0°C ~ +50°C
Storage temperature : -40°C ~ +70°C
Operating humidity (without condensation water) : 20% ~ 85% relative humidity
Storage humidity (without condensation water) : 5% ~ 95% relative humidity

Output Power

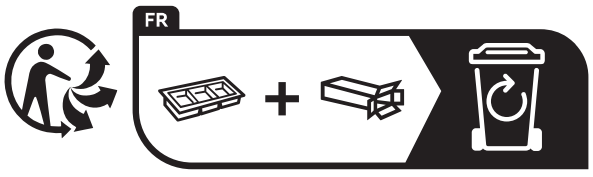
Product	AC Input	DC Output					
		+5V	+3.3V	+12V	-12V	+5VSB	Total
P1200 (XPH1200-AP)	100-240VAC 50-60Hz 15-8A	20A	20A	100A	0.4A	3A	1200W
		100W		1200W	4.8W	15W	
P1000 (XPH1000-AP)	100-240VAC 50-60Hz 15-8A	20A	20A	83.3A	0.4A	3A	1000W
		100W		999.6W	4.8W	15W	
P850 (XPH850-AP)	100-240VAC 50-60Hz 10A	20A	20A	70.8A	0.4A	3A	850W
		100W		849.6W	4.8W	15W	

Connectors

Connector	Main	CPU	12V-2X6	PCI-E	SATA	Peripheral
Pin	24 Pins	4+4 Pins	12+4 Pins	6+2 Pins	5 Pins	4 Pins
P1200	1	2	2	3	12	4
P1000	1	2	1	3	8	4
P850	1	2	1	3	8	4

Advice

This product is not to be disposed in the regular household waste and must be brought to a collection-point for electrical and electronic devices for recycling.
The symbol to the under refers to that andcan be found on the product, in the manual or on the packaging.
Materials can be recycled according to their description.
With the reuse, the recycling or other forms of reutilization of old devices you make an important contribution to the protection of our environment.
Please inquire the appropriate location of disposal from your local administration.







Installation:

1. Ensure that the power switch is turned off before installation.
2. Fix the power supply inside the chassis with four screws.
3. Connect the power interface according to the instructions of the motherboard, graphics card or other devices.
4. All interface of the power supply are suitable only in one direction, if you can't insert smoothly, please try another direction.
5. Connect AC Cable and turn on the power switch.

Troubleshooting

If the power supply doesn't work properly, please check following:

1. Whether the AC cable is connected correctly.
2. Whether the "I / O" switch on the back of the power supply is switched to the "I" position.
3. Check whether all output connectors are connected with other device correctly.
4. If the power supply still does not work after all of above is checked clearly,please contact us or the distributor for repair or exchange. Visit our website: www.samagears.com

Warrings And Safety Notes

1. Never open the PSU cover. There is potential danger of life due to high voltage inside. The PSU should only be opened by an authorized technician. The manufacture warranty will bevoid, if the PSU is opened by an unauthorized person.
2. Do not work on the PSU or the PC as long as the main voltage is still connected. Switch the I/O button to position "0" and disconnect the power plug from the power network.
3. The PSU is suitable for operation at 100-240V~/50-60 Hz and thus universally usable. The ambient temperature should not exceed 40°. Please ensure that there is sufficient ventilation of the entire system.
4. Make sure during the installation of the PSU that the ventilation slots are not covered. Do not clog the ventilation slots of the PSU. Keep your PC away from direct heat sources such as radiators.
5. When using an extension cord and/or multiple sockets pay attention to the maximum through-connection ability in order to avoid short-circuits.
6. During the operation of the PSU pay attention to the maximum loads. The single loads and the total loads must not exceed to cross the values shown in output power table.
7. Avoid the use of adapters, such as 4Pin Molex to 6+2Pin PCI-Express.
8. Protect the PSU against moisture.
9. Any malfunction caused by the improper connection will be excluded from the warranty service. SAMA is not liable for any damage or other consequences caused by disobeying the instructions of the SAMA user manual.