

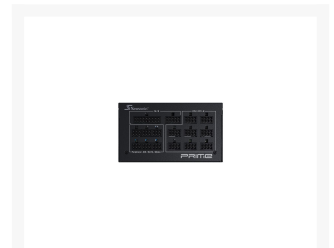


# Seasonic Prime

\$293.95

SSR-1000PD Active PFC F3 -  
Power supply (internal) -  
ATX12V - 80 PLUS Platinum  
- AC 100-240 V - 1000 Watt -  
active PFC

## Product Images





## Short Description

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Seasonic's continued commitment to excellent analog power supply design has suppressed ripple noise to fall well below the current industry average of 20 mV.

Seasonic's vast experience in designing the most silent and efficient power supplies on the market was translated into the development of Hybrid Mode; a state-of-the-art fan control that enables users to keep the overall fan noise at the lowest possible level.

### Extended hold-up time

Improved circuit design and high-quality components have greatly increased the hold-up time measured under 100 % load, from an industry standard of 16 ms to above 30 ms. This substantial improvement means that even under unstable input current conditions the power supply will continue to output stable and precise current to ensure smooth operations.

### Super low ripple noise

Seasonic's continued commitment to excellent analog power supply design has suppressed ripple noise to fall well below the current industry average of 20 mV.

### Premium hybrid fan control

Seasonic's vast experience in designing the most silent and efficient power supplies on the market was translated into the development of Hybrid Mode; a state-of-the-art fan control that enables users to keep the overall fan noise at the lowest possible level.

### Power supply sound

The Seasonic PRIME Series is designed with very favorable level of acoustics and it uses carefully selected components and innovative circuit design to minimize sound output. Beyond our rigorous internal tests, the power supply also went through external testing with the most popular graphics cards to ensure that the sound at all loads would be kept at the lowest possible level. The chart compares the sound level of the Seasonic PRIME power supply to other ambient sounds.

### Cable-free connection design

Seasonic's engineers have implemented a new design feature, where instead of cables; the back panel and the PCB (Printed Circuit Board) are connected by a copper plate. This breakthrough solution not only lowers the chance of production errors during manual insertion but it also improves output power quality.

### 135 mm FDB fan

High performance Fluid Dynamic Bearing (FDB) fans are designed to take advantage of the impact absorbance effects of oil. They are extremely reliable and generate considerably less operating noise and heat than ball bearing fans. The lubrication of the bearing surface reduces friction and vibration and therefore lowers overall power consumption. Due to the effortless, quieter rotations and its robust construction, this reliable fan technology also greatly increases the lifespan of the fan.

## Specifications

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# Product Specifications

General	
Device Type	Power supply - active Power Factor Correction (PFC) - internal
Specification Compliance	ATX12V
PSU Form Factor	ATX
Power Device	
Input Voltage	AC 100-240 V
Frequency Required	50 - 60 Hz
Power Output Connectors Details	1 x power 24 pin ATX with detachable 4 pin section   2 x power 8 pin +12V with detachable 4 pin section   8 x 8 pin PCI Express power with detachable 2 pin section   12 x 15 pin Serial ATA power   5 x 4 pin internal power   1 x 4 pin mini-power connector
Output Voltage	+3.3, +5, ±12 V
Power Capacity	1000 Watt
Output Current	+3.3V - 25 A   +5V - 25 A   +12V - 83 A   -12V - 0.3 A   +5VSB - 3 A
Modular Cable Management	Yes
80 PLUS Certification	80 PLUS Platinum
Miscellaneous	
MTBF	150,000 hours
Cooling System	135 mm fan
Features	Overheat protection, overcurrent protection, overvoltage protection, overpower protection, undervoltage protection, short-circuit protection, Multi-GPU Technologies Supported, fluid dynamic bearing cooling fan, Premium Hybrid Fan Control, fully modular
Compliant Standards	TUV, BSMI, CB, CCC, RoHS, WEEE, cTUVus, Energy-Related Products (ErP) Lot 6, REACH, EAC
Environmental Standards	
ENERGY STAR	Yes
Manufacturer Warranty	
Service & Support	Limited warranty - 12 years
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	122 °F

Dimensions & Weight	
Width	5.9 in
Depth	6.7 in
Height	3.4 in

## Additional Information

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Brand	Seasonic
SKU	SSR-1000PD
Weight	9.0000
Color	Black
PSU Type	ATX
PSU Style	Modular
PSU Wattage	1000W
PSU Efficiency	80 PLUS Platinum
Vendor SKU/EAN	882016001116

