

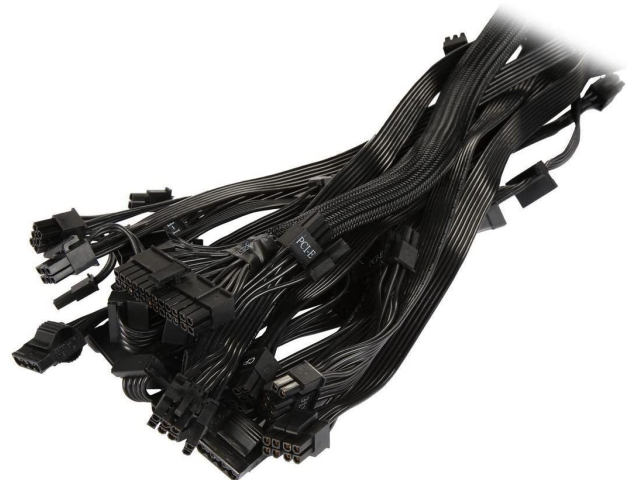


Seasonic Prime Ultra Series 1000 Titanium - Power supply (internal) - ATX12V / EPS12V - 80 PLUS Titanium - AC 100-240 V - 1000 Watt - active PFC

\$318.95

Product Images







Short Description

Prime Ultra's ultra-high efficiency and outstanding performance are the fine results of Seasonic's continuous commitment to innovation and advancement. Improved low-load efficiency, highly suppressed ripple noise are just some of the characteristics that set these series apart from other power supplies on the market.

Description

Product Description

Its Ultra-high efficiency and outstanding performance are the fine results of Seasonic's continuous commitment to innovation and advancement. Improved low-load efficiency, highly suppressed ripple noise and a generous 12-year manufacturer's warranty are just some of the characteristics that set these series apart from other power supplies on the market.

Features

Product Features

- Fluid dynamic fan bearing
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.
- 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 the 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.
- **Micro tolerance load regulation**
Seasonic's latest design keeps the output voltage within a very tight range, achieving under 0.5 % load regulation. This impressive electrical performance and stability makes this power supply an ideal choice for high-performance systems.
- **Extended hold-up time (20 ms)**
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 20 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 (25 mV)**
Seasonic's continued commitment to excellent analog power supply design has suppressed ripple noise to fall below 20 mV.
- **Cable-free connection design**
Seasonic's engineers have implemented a 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.

Specifications

Product Specifications

General	
Device Type	Power supply - active Power Factor Correction (PFC) - internal
Specification Compliance	ATX12V / EPS12V
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 14 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 Device	
Power Capacity	1000 Watt
Output Current	+3.3V - 25 A +5V - 25 A +12V - 83 A -12V - 0.5 A +5VSB - 3 A
Efficiency	94%
Modular Cable Management	Yes
80 PLUS Certification	80 PLUS Titanium

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
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Manufacturer Warranty

Service & Support	Limited warranty - 12 years
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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

WARNING: This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [P65Warnings.ca.gov](https://www.P65Warnings.ca.gov).

Additional Information

Brand	Seasonic
SKU	SSR-1000TR
Weight	9.0000
Color	Black
PSU Type	ATX
PSU Style	Modular
PSU Wattage	1000W
PSU Efficiency	80 PLUS Titanium
Vendor SKU/EAN	82016001079

