



COUGAR Polar 1050W Power Supply ATX3.1 / 80 Plus Platinum / Modular

Model: CGR-PR-1050

Manufacturer: COUGAR

EAN: 4710483772344

Product Code: 1623097

R3,912

To curb global warming, a PSU with higher efficiency means the longevity and less energy goes to waste. The COUGAR Polar platinum efficiency series protects the Earth and makes the best for the next generation.

The Polar X2 passes the four strict power excursion tests from PSU ATX 3.0 Guide, in which the spike power consumption must bear up to 200% of the rated power for 100µs.

COUGAR will present the first Platinum efficiency PSU Series, POLAR 1200 and 1050. The 100% Japanese capacitors and 50°C ambient operations with LLC, DC-DC structure generate an environmentally friendly PSU with high-efficiency performance. The fine-tune HDB fan with zero noise mode will also provide the perfect experience for all users in different conditions.

The Polar series is also certified as PLATINUM efficiency rating from Cybenetics Lab.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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EVERY OUTPUT IS WORTH SAVING

Save the Earth with Lesser Energy Loss

- The Polar series will reduce the energy waste below 7%.
- With 80Plus Platinum certified to provide the efficiency level up to 92% at 115Vac.
- Less efficiency loss with streamlined board-to-board wave soldering.

ZERO NOISE MODE

ULTRA-SILENCE AT HIGH OUTPUT

Lower Heat Emission for Steady Temperature

- Zero noise mode at 40% loading silent.
- Automatic thermal control to provide an optimal speed-noise ratio.

Using COUGAR's 135mm HDB silent fan and large inhalation punched hole, the advanced frame increase the concentration of airflow and its fan curvature has been fine-tuned to reduce vibration. The overall fan combination leads to reaching the low fan noise A+ level, tested by Cybenetics Lab.

JAPANESE CAPACITORS

REFIND ELECTRONIC SOLUTION

Reduce the E-waste for the Next Generation

- 100% premium Japanese capacitor to prolong the longevity.
- Optimally perform in 50°C working temperature environments.
- Tight 2% voltage regulation for ultra-stable operation.
- Hybrid Dynamic Bearing (HDB) fan to expand the durability.
- Patented groove design
- Centralized oil pressure
- No oil leakage
- Improved stability
- Less friction and noise
- Extended lifespan
-

Perfectly Support GeForce RTX™ 30 Series GPU

The POLAR series is designed for high end gamers and complicated media workers which can

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perfectly supporting RTX 30 series GPU and provide stable performance.

Features

80PLUS Platinum Certified

Up to 92% efficiency power conversion to cut down your electricity bill

100% Refined Japanese Capacitors

Outstanding components extend the longevity of PSU.

Durable HDB Fan

Hydro Dynamic Bearing Fan: Extended durability and lower noise levels

Zero Noise Mode and Fan Curve Tuning

Advanced technology for noise minimization

Fully Modular Power Supply Unit

Connect only the cables you need for less clutter and better airflow

Flawless Operation at 50°C

Powerful performance at 50°C ambient temperature

Compatible with The Latest PC Technology

Created for user with current and next-generation multi-core CPU platforms

Support PCI Express 4.0 Next Generation Graphics Cards with 8(6+2) Pin PCI-E Connector

Awards & Reviews

TECHPOWERUP

"This is the best Cougar power supply I have tested so far. Its build quality is high, and performance close to the ASUS ROG Thor flagship using a modified Seasonic Prime Platinum platform. The Cougar Polar not only meets the notably more expensive ASUS ROG Thor 1200 eye-to-eye in terms of overall performance, but is also dead silent."

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Protection

UVP (Under Voltage Protection)

If the voltages fall below a certain tolerance value on the single lines, the PSU automatically switches off.

OCP (Overcurrent Protection)

If the current on a single line is higher than indicated, the PSU automatically switches off.

SCP (Short-Circuit Protection)

In the case of a short-circuit, this feature prevents damage to the core components of the PSU and its System components.

OVP (Over Voltage Protection)

If the voltages increase above a certain tolerance value on the single lines, the PSU automatically switches off.

OTP (Over Temperature Protection)

If the temperature gets too high, the PSU automatically switches off.

OPP (Over Power Protection)

If the system is oversized and requires more power from the PSU than it can provide, this protection function is activated.

Conformal Coating Protection

Prevention of conductive particles/dust, high humidity, and intruding insects