COUGAR Power Supply GR 850W ATX3.1/PCIE 5.1 / 80 Plus Gold

Model: CGR GDN-850

Manufacturer: COUGAR

EAN: 4710483779169

Product Code: 1625428

R2,719

ATX 3.1 Compatible, Reliable Power

The COUGAR GR series is an 80 PLUS Gold-certified power supply, delivering reliable performance even at 40°C. Designed with a native PCIe 12V-2X6 connector, it meets Intel ATX 3.1 and PCIe 5.1 standards. As a modular PSU, it efficiently supports next-gen GPUs with a single 12+4-pin cable, reaching up to 91% efficiency. This reduces energy consumption, lowers electricity costs, and ensures stable power delivery.

ATX 3.1 Certified

Designed to support next-generation systems, the COUGAR GR series conforms to the ATX 3.1 standard. Featuring a native 12V-2X6 design, it provides power to the next-generation graphics

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cards through a single 12+4-pin cable. With an 80 PLUS Gold efficiency rating, it offers high-quality stability, durability, and reliability.

The COUGAR GR series passes the four strict power excursion tests from PSU ATX 3.1 Guide, in which the spike power consumption must bear up to 200% of the rated power for 100µs.

Designed for the Next Generation of GPUs

The COUGAR GR series supports the latest PCIe 5.1 specification: its powerful and stable performance meets the needs of next-generation GPUs, delivering perfect power for next-gen graphics cards. Equipped with a modular native PCIe 12V-2X6 connector, the 600mm length provides sufficient slack to reduce the risk of faulty connection during PC installation, without the need for a 6+2 pin adaptor.

High Performance

Efficiency

The GR series features a highly efficient design that surpasses the 80 PLUS Gold standard, to help you save money on your electricity bill.

Perfect Fan Speed to Noise Ratio

Using COUGAR’s exclusive 120mm rifle bearing fan , the advanced fan blade design enhances airflow smoothness and optimizes silent performance.

More Stability, Less Noise

Crafted for quiet operation, COUGAR’s exclusive 120mm rifle bearing fan achieves an ideal equilibrium between efficient cooling and minimal noise. Optimized, grooved fan blades are molded with an integrated stabilizing ring, minimizing flex during rotation and reducing turbulence for an optimal and silent cooling experience.

Refined Regulation. Stable Operation

Highly durable and consistently reliable 105°C Japanese main capacitor.

- The GR’s LLC, DC-DC and Tri-Sense (3.3V, 5V, and 12V) design provides high-quality outputs, with an extremely tight 5% voltage regulation to deliver ultra-stable operation.
- Optimally perform in 40ºC working temperature environments.

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Stylish Design

Featuring a sleek embossed black design with ample cable length for easy and aesthetically pleasing PC installation.

Fully Modular Cables / Embossed black cables

Connect only the cables you need, reducing cable clutter and friction and improving the airflow and the ease of installation of DIY solutions.

Support PCI Express 5.1 Graphics Cards 12+4 Pin Connector

Connect the 12V-2X6 with true 200% power excursion dynamic outputs.

80 PLUS Gold Certified

Up to 91% efficiency power conversion to cut down your electricity bill.

Compact PSU Size

140mm length fits most PC cases and makes installation easy.

Japanese Main Capacitors

Highly durable and consistently reliable 105°C Japanese main capacitors.

Full Protections

SCP, OCP, OVP, UVP, OPP, OTP

Silent Spin

Groundbreaking grooved blade, rifle bearing fan design lets you experience noiseless gaming.

Compatible with The Lastest PC Technology

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

Flawless Operation at 40°C

Powerful performance at 40°C ambient temperature.

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