COUGAR Power Supply GLE 1000W ATX3.1 / 80 Plus Gold

Model: CGRGLE-1000

Manufacturer: COUGAR

EAN: 4710483777646

Product Code: 1600425

R3,288

GLE 1000/1200W

Sleek, Durable, and Silent Performance

The COUGAR GLE series boasts high-quality 80 PLUS Gold certification, achieving up to 91% conversion efficiency. Utilizing a native PCIe 12V-2X6 connector design, this power supply delivers power to next-gen graphics cards through a single 12+4-pin cable, bringing them into compliance with Intel’s ATX 3.1 standard. With flawless power delivery in 40°C environments, it saves energy, reduces electricity costs, and provides stable power to all components.

ATX 3.1 Certified

Designed to support next-generation systems, the COUGAR GLE series conforms to the ATX 3.1 standard. Featuring a native 12V-2X6 design, it provides power to the next-generation graphics cards through a single 12+4-pin cable. With both 80 PLUS Gold efficiency rating and Cybenetics

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Platinum certifications (1000W only), it offers high-quality stability, durability, and reliability.

The COUGAR GLE 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 GLE 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 650mm length provides sufficient slack to reduce the risk of faulty connection during PC installation, without the need for a 6+2 pin adaptor.
Notice: Before using the PCIe 12+4pin cable, please visit the GPU manufacturer’s official website to check recommended wattage requirements.

High Performance

Efficiency

The GLE 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 135mm HDB fan, the advanced fan blade design enhances airflow smoothness and optimizes silent performance.

HDB Fan

Compared to other fan bearing types, the HDB fan is considered the best in its class for operating noise and expected lifespan. Fluid dynamics and fluid-based characteristics greatly reduce friction and vibration, resulting in better reliability and quieter operation.

More Stability. Less Noise.

Crafted for quiet operation, COUGAR’s exclusive 135mm HDB fan achieves an ideal equilibrium between efficient cooling and minimal noise. Optimized fan blades are molded with an integrated stabilizing ring, minimizing flex during rotation and reducing turbulence for an optimal and silent

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cooling experience.

Refined Regulation. Stable Operation

100% Japanese Capacitors

- Highly durable and consistently reliable 105°C Japanese main and standby capacitors.
- 100% Japanese capacitors minimize voltage ripple, improving durability and stability to extend lifespan.
- GLE’s LLC, DC-DC and Tri-Sense(3.3V, 5V, and 12V) design has been created to provide high-quality outputs, with an extremely tight 2% voltage regulation to deliver a stable operation.
- Optimally perform in 40ºC working temperature environments.

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.

Durable HDB Fan

Hydro Dynamic Bearing Fan: Extended durability and lower noise levels.

100% Refined Japanese Capacitors

Outstanding components extend the longevity of PSU.

Fully Modular Power Supply Unit

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

Silent Spin

Durable HDB Fan with an integrated stabilizing ring lets you experience noiseless gaming.

Compatible with The Lastest PC Technology

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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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