



Power Supply
LIAN LI EDGE
GOLD 850 SFX
PC 100 - 240 V
850 W
G9P.EG0850G.B000.EU

Model: G9P.EG0850G.B000.EU

Manufacturer: LIAN LI

EAN: 4718466016232

Product Code: 407116

R2,857

Lian Li EG0850G 850W (G9P.EG0850G.B000.EU)

THE “POWER” FOR DUAL CHAMBER CASES

The EDGE Gold PSU series features a unique L-shape design, a removable USB and fan PWM hub, longer modular cables, and a conveniently removable dust filter. Experience efficient cable management in a dual chamber or tower chassis that blends aesthetics and convenience in your PC build.

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AVAILABLE IN 2 COLORS AND 4 WATTAGES

Offering versatile options, the EDGE Gold PSU is available in multiple configurations with or without a USB hub to meet different power needs and match the components' colors.

INNOVATIVE L-SHAPE DESIGN

Introducing the world's first PSU with a detachable USB and PWM fan hub that also functions independently, and that features a removable magnetic dust filter. This unique form factor reorients the connectors outward, simplifying cable management and ensuring a clean, organized build.

MODULAR USB & FAN PWM HUB - EDGE HUB

The external USB and fan PWM hub module offers versatile connectivity options. It can be attached directly to the PSU or connected via a PCIe power interface inside the case.

Fan PWM Hub

6 extended 4-pin fan connectors, each rated at 2A, to meet the demands of multi-fan setups.

USB Hub

4 ports supporting up to 8 downstream connections, ideal for RGB controllers and USB devices, with a total output of 2.5A.

Edge PSU Connector

Remove the cap and attach the hub directly to the Edge PSU for power.

Magnetic Design

Integrated magnets allow easy placement and accessibility inside the case.

Independent Power Supply

Connect the hub to a PCIe 8-PIN cable for independent operation.

MAGNETIC DUST FILTER

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The magnetic mesh dust filter on top of the fan can be easily removed for regular cleaning, ensuring dust-free operation. A high porosity of 66.9% ensures ample ventilation and airflow with quiet fan operation, extending the PSU's lifespan and reliability.

CONVENIENT CABLE MANAGEMENT

Engineered specifically for dual-chamber chassis such as the LIAN LI O11 series, the EDGE Gold PSU's L-shape design is ideal for vertical installation in the second chamber. This outward-facing interface is more user-friendly than traditional side-mounted designs, making cable management simple and accessible for both beginners and experienced builders.

LONGER CABLE REACH FOR VERSATILE BUILDS

The Edge Gold PSU features new cables that are even longer, making it ideal for dual-chamber or regular tower chassis, enhancing flexibility and ensuring optimal cable management for all kinds of builds with ease.

EFFICIENCY LEVEL CERTIFIED

Achieving the 80 PLUS Gold, Cybenetics Platinum and PPLP Gold certifications, the EDGE Series ensures top-tier energy efficiency, reducing power consumption and heat output while delivering reliable, stable performance.

COOL IN SILENCE

Designed for optimal performance, the open style mesh facilitates excellent heat dissipation for internal components. This feature is especially beneficial for the 120 MM PWM fan, which operates efficiently with minimal noise, ensuring the system stays cool and quiet even under heavy loads.

STABLE DUAL COLOR PCIE5.1 CONNECTOR

LIAN LI's in-house R&D designed a high-quality 12V-2×6 dual-color connector featuring alloy copper soldered terminals for secure and efficient power delivery, enhancing system stability and

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performance.

The terminal maintain a contact resistance below 1.5mΩ after 50 plug/pull cycles, compared to ordinary terminals at 2-3mΩ, enhancing the connector's performance and long-term reliability.

BRAIDED-TEXTURE SLEEVED CABLES FOR A CLEAN BUILD

The PSU comes equipped with all cables featuring a braided texture. The 20+4pin, CPU, PCIe 6+2pin, and 12V-2×6 cables are designed with easy-to-adjust cable combs, ensuring very clean curves and cable runs for an aesthetically pleasing and organized dual chamber build.

INDUSTRIAL GRADE CAPACITORS

The EDGE Gold PSU integrates the German EPCOS capacitors or same level Japanese capacitors, offering compact, robust performance with higher tolerances to harsh temperatures and environments.

COMPREHENSIVE CONNECTORS

The modular cables have a new longer design compared to the previous EDGE PSU, which ensures easy component reach and efficient cable management.

SUFFICIENT PROTECTION

Features OCP (Over Current Protection), OVP (Over Voltage Protection), SCP (Short Circuit Protection), OPP (Over Power Protection), UVP (Under Voltage Protection), OTP (Over Temperature Protection), SIP (Surge Intensity of election flow Protection), NLO (No Load Operation), and an Inrush Current Limiter that ensures the EDGE GOLD delivers continuously stable and reliable power.

- L-Shape design for dual chamber case
- 80 PLUS Platinum Efficiency
- Built-in USB expansion hub with 4 internal USB 2.0 headers
- Integrating German EPCOS bulk capacitors

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- In-house R&D 12V-2×6 alloy copper soldered terminals
- ATX 3.0/3.1 compliant PSU
- Full modular sleeved cable with cable comb MB/CPU/GPU connectors

Summary: Lian Li EG0850G. Total power: 850 W, AC input voltage: 100 - 240 V, AC input frequency: 50/60 Hz. Motherboard power connector: 24-pin ATX, Motherboard power cable length: 62 cm, SATA power cable length: 300,400 mm. Purpose: PC, Power supply unit (PSU) form factor: SFX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Fan diameter: 12 cm. Cables included: CPU, PCIe, Peripheral (Molex), SATA | Vendor Homepage: <https://lian-li.com/product/edge/> | Total power: 850 | AC input voltage: 100 - 240 | AC input frequency: 50/60 | Maximum input current (@110V): 10 | Maximum input current (@220V): 5 | Combined power (+3.3V): 120 | Combined power (+12V): 849 | Combined power (+5V): 120 | Efficiency: 90.71 | Motherboard power connector: 20+4 pin ATX | Motherboard power cable length: 620 | Number of SATA power connectors: 12 | SATA power cable length: 300/400/650 | Peripheral (Molex) power connectors (4-pin): 4 | Peripheral (Molex) power cable length: 500 | EPS power connector (8-pin): Yes | PCI Express power connectors (6+2 pin): 1 | PCI Express power connectors (8-pin): 1 | PCI Express power cable length: 650 | CPU P4 connector (4-pin): 1 | CPU power connector (4+4 pin): Yes | CPU power cable length: 750 | ATX Power connector (24-pin): Yes | Cabling type: Fully-Modular | 80 PLUS certification: 80 PLUS Gold | Supported motherboard form factors: ATX | Purpose: PC | Power supply unit (PSU) form factor: SFX | Silent mode: Yes | Noise level: 30.9 | Bearing technology: FDB | Product colour: Black | Fan diameter: 120 | Cables included: CPU,PCIe,Peripheral (Molex),SATA | Safety: OCP/ OPP/ UVP/ OVP/ OTP/ SCP | Width: 86 | Depth: 182 | Height: 150 | Unit Calculated Weight: 3.85 | Product Net Weight: 2 | Unit Calculated Volume: 0.01082 | Units per Shipping Box: 4 | Unit Width: 13 | Shipping Box Height: 44 | Unit Depth: 32 | Unit Height: 20.5 | Name: CASE PSU ATX3.1 850W/G9P.EG0850G.B000.EU LIAN LI | Model name: EDGE GOLD 850

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