

Darkflash PMT 80 Plus Gold 750W Computer Power Supply

Model: PMT750 Black(Gold)

Manufacturer: DARKFLASH

EAN: 4711527000683

Product Code: 515624

R2,612

Darkflash PMT 80 Plus Gold 750W computer power supply.

The Darkflash PMT is an excellent choice for demanding gamers, remote workers, or computer enthusiasts. It supports 12VHPWR connector compatible with PCIe 5.1 and can handle momentary power spikes - ideal for newer graphics cards. With 80 Plus Gold certification and advanced safety features, it guarantees high efficiency and safe operation. It offers a stable 750W power supply on a single +12V line, supported by a DC-DC circuit, and Japanese capacitors ensure long life. The modular design simplifies installation and improves airflow, while the intelligent cooling system won't disturb your peace of mind during operation. Darkflash PMT is a reliable base for any gaming or professional setup.

Thoughtful design

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The direct 12VHPWR connector allows the power supply to deliver up to 600 watts of power via a single cable - fully PCIe 5.1 compliant. The design also supports instantaneous power surges of up to three times the rated value, making it an ideal choice for the latest graphics cards and systems with high power demands. The PSU's interior conceals top-quality components, including Japanese capacitors with improved thermal durability. Thanks to them, the power supply works reliably even in harsh conditions, and its durability and stability exceed standard expectations. The entire unit has been manufactured with attention to detail and rigorous quality control.

Less wear, more reliability

Darkflash PMT has been awarded the prestigious 80 Plus Gold certification, which confirms its high energy efficiency - up to 91%. This reduces energy loss, reduces heat generation and contributes to lower operating costs. The unit also offers seven layers of protection, including overvoltage, overload, overheating, short-circuit, under- and over-voltage, and no-load operation. In addition, its industrial level of surge protection (4KV) protects against lightning and sudden voltage spikes. The power supply consumes less than 0.5W in standby mode, meeting the requirements of the ErP Lot 3 2014 directive. This is a power supply that allows you to build an efficient, safe and energy-saving work environment.

Stable power, regardless of intensity

The power supply offers a full 750 watts of power on a single independent +12V line, ensuring reliable power to all components - especially the CPU and graphics card. This design is perfect for sudden spikes in power demand, ensuring continuous stability for the entire system. To increase this stability, there is also a high-performance DC-DC conversion circuit, which enables precise voltage delivery to individual components, and increases the efficiency and reliability of the entire power supply. This ensures that your computer runs smoothly even under heavy load.

A reliable foundation for any configuration

Darkflash PMT is a power supply designed with enthusiasts and professionals in mind. Offering full ATX 3.1 support, top performance, certified efficiency and exceptional stability, it provides a reliable foundation for any modern computer platform - whether for work or gaming. Meanwhile, thanks to an active PFC circuit with an efficiency of up to 99%, it ensures near-perfect matching of the power

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drawn from the grid. This reduces unnecessary losses, minimizes electromagnetic interference emissions and allows for more stable power supply to components.

Quiet operation thanks to intelligent cooling

The power supply is equipped with the AUTOFAN SPEED MODE intelligent cooling system. The fan starts up only when it reaches 30% of the load, which makes the unit operate practically silently at low power demand. However, when intensive ventilation is needed, the advanced design of the openings (a square pattern on top and a honeycomb structure on the back) effectively dissipates heat, ensuring optimal temperatures inside the case.

Modular design and convenient installation

With full modularity, you connect only the cables you really need. Flexible, flat cables not only simplify installation, but also improve air circulation in the case. Compact dimensions (140 x 150 x 86 mm) make the power supply fit easily into most standard ATX cases. The Darkflash PMT power supply is fully compatible with the latest Intel and AMD processors, as well as graphics cards supporting NVIDIA NVLink/SLI and AMD CrossFire technologies. The 6+2 pin PCI-E connectors allow powering multiple processors, making this model an ideal choice for gaming PCs and workstations.

Included

- Power supply
- Set of x8 modular cables
- Accessory bag
- Set of cable ties x5
- Mounting screws x4
- Work gloves
- User manual

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Size	140 × 150 × 86 mm
Performance certification	8OPLUS GOLD
Input voltage	100-240V
Input frequency	50-60Hz
Topology	Active PFC, half bridge LLC, SRC, DC to DC
Protection	Over voltage (OVP), over current (OCP), over load (OPP), short circuit (SCP), overheat (OTP), under voltage (UVP), zero load (NLP)
Signal of good power supply	100-250ms
Holding time	≥16ms at 100% load

GPSR Link: https://psr-assets.innpro.pl/gaming/sg_gaming_pc_power_supplies.pdf, Gross weight: 2250, Net weight: 900, Box length: 28,50, Box width: 12,00, Box height: 21,00

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