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EVGA 220-P2-0750-X1

EVGA SuperNOVA 750 P2 Power Supply User Manual

Model: 220-P2-0750-X1

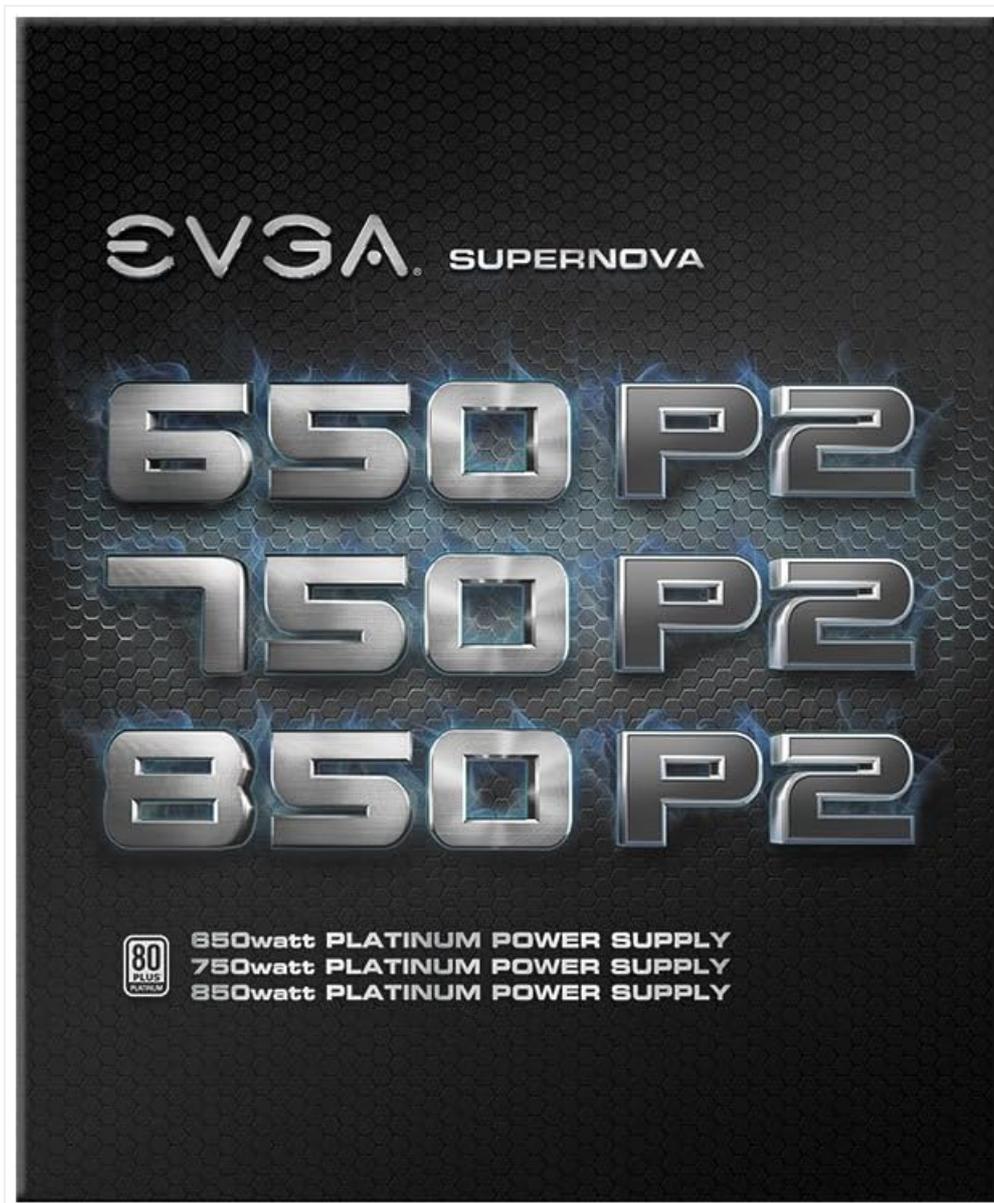
Brand: EVGA

INTRODUCTION

The EVGA SuperNOVA 750 P2 is an 80 PLUS Platinum certified, fully modular power supply designed to deliver clean, continuous power to your system. This manual provides essential information for the proper installation, operation, and maintenance of your power supply.



The EVGA SuperNOVA 750 P2 power supply, a high-efficiency 80 PLUS Platinum rated unit.



The EVGA SuperNOVA P2 series packaging, highlighting the 650W, 750W, and 850W Platinum power supply models.

SETUP

Before installation, ensure your system is powered off and disconnected from the main power outlet. Refer to your computer case and motherboard manuals for specific installation instructions.

Package Contents:

- EVGA SuperNOVA 750 P2 Power Supply
- Modular Cable Set
- AC Power Cord
- Mounting Screws
- Power On Self Tester



This image displays the full set of modular cables provided with your EVGA SuperNOVA P2 power supply, including CPU, PCIe, SATA, and peripheral connectors.

Installation Steps:

1. Mount the power supply into your computer case using the provided screws. Ensure the fan is oriented correctly for optimal airflow (typically facing down or up depending on case design).
2. Connect the necessary modular cables to the power supply. Refer to the labels on the power supply's modular panel for correct port identification.
3. Connect the other end of the modular cables to your motherboard, CPU, graphics cards, and storage devices. Ensure all connections are secure.
4. Connect the AC power cord to the power supply and then to a wall outlet or surge protector.
5. Flip the main power switch on the rear of the power supply to the 'ON' position.



The modular connection panel of the power supply, indicating ports for motherboard, CPU, VGA, SATA, and peripheral cables, along with the ECO mode switch.



The rear panel of the power supply, featuring the main power switch and the AC power input connector.

OPERATING

The EVGA SuperNOVA 750 P2 features an EVGA ECO Mode for quiet operation.

EVGA ECO Mode:

The ECO mode switch is located on the modular cable connection panel. When enabled (switch in 'ON' position), the power supply fan will remain off during low to medium load operations, providing silent performance. The fan will

automatically activate when the power supply load increases or internal temperatures rise to maintain optimal cooling. When disabled (switch in 'OFF' position), the fan will operate continuously.



A top-down view of the EVGA SuperNOVA 750 P2, showcasing its large cooling fan and protective grill.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power supply.

Cleaning:

- Regularly inspect the power supply fan and vents for dust accumulation.
- To clean, power off your system and unplug the AC power cord. Use compressed air to gently remove dust from the fan blades and ventilation grilles.
- Do not open the power supply casing. There are no user-serviceable parts inside, and opening it will void the warranty.

Environmental Conditions:

- Operate the power supply in a well-ventilated environment to prevent overheating.
- Avoid exposing the power supply to extreme temperatures or humidity.

TROUBLESHOOTING

If you encounter issues with your power supply, consider the following common troubleshooting steps:

- **No Power:** Ensure the AC power cord is securely connected to both the power supply and the wall outlet. Verify the main power switch on the power supply is in the 'ON' position. Check all modular cable connections to the motherboard and components.
- **System Instability/Crashes:** Ensure your power supply wattage is sufficient for all your system components. Check for loose cable connections. If the issue persists, it may indicate a component failure or an issue with another part of your system.
- **Fan Noise:** If the fan is excessively loud or making unusual noises, ensure there are no obstructions. In ECO mode, the fan will only spin under higher loads; if it's constantly spinning at low loads, ensure ECO mode is enabled correctly.

For further assistance, refer to the official EVGA support resources or contact their customer service.

SPECIFICATIONS

Below are the technical specifications for the EVGA SuperNOVA 750 P2 power supply:

Feature	Specification
Brand	EVGA
Series	220-P2-0750-X1
Model Number	220-P2-0750-X1
Wattage	750 Watts
80 PLUS Certification	Platinum (92% efficiency at 115VAC / 94% at 220-240VAC)
Form Factor	ATX
Modular	Fully Modular
Fan Size / Bearing	140mm Double Ball Bearing
Capacitors	100% Japanese Capacitors
ECO Mode	Yes
Dimensions (LxWxH)	6.5 x 5.91 x 3.3 inches
Weight	5.94 pounds (2.7 Kilograms)



The product label detailing the electrical input and output specifications, including AC input, DC output voltages, and maximum current for each rail.

WARRANTY AND SUPPORT

The EVGA SuperNOVA 750 P2 power supply comes with a 10-year warranty, ensuring long-term reliability and peace of mind. This warranty covers defects in materials and workmanship under normal use.

For Warranty Claims and Technical Support:

Please visit the official EVGA website or contact their customer support directly. Have your product model number (220-P2-0750-X1) and proof of purchase ready when seeking assistance.

PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Official video showcasing the features and benefits of the EVGA SuperNOVA P2 Power Supply series.