

Superer ADP195770

Superer 750W Fully Modular ATX 3.1 Gaming Power Supply User Manual

Model: ADP195770

1. INTRODUCTION AND KEY FEATURES

This manual provides essential information for the installation, operation, and maintenance of your Superer 750W Fully Modular ATX 3.1 Gaming Power Supply. Please read this manual thoroughly before use to ensure proper functionality and safety.

Key Features:

- **Fully Modular Design:** Connect only necessary cables for improved airflow and a cleaner build.
- **80 PLUS Gold Efficiency:** Achieves over 91% efficiency at typical loads, reducing heat and power consumption.
- **120mm Whisper Quiet Fan:** Provides efficient cooling with minimal noise output.
- **105°C Japanese Capacitors:** Ensures superior power reliability and exceptional performance stability.
- **Advanced Protection:** Includes OVP, OPP, SCP, UVP, OCP, and OTP for comprehensive system safety.
- **10-Year Warranty:** Guarantees dependable performance for a decade.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation:

- Superer 750W Gaming Power Supply Unit
- Modular Cable Set (MB, CPU, PCIe, SATA, Peripheral/Floppy)
- AC Power Cord
- Mounting Screws
- User Manual (this document)

3. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure the power supply is disconnected from the AC outlet before installation or maintenance.

- Do not open the power supply casing. High voltages are present inside, even when disconnected.
- Install the power supply in a well-ventilated area.
- Use only the provided modular cables with this power supply. Using incompatible cables may cause damage.
- Avoid exposing the power supply to moisture or extreme temperatures.

4. SETUP AND INSTALLATION

Follow these steps to install your power supply:

1. **Prepare Your System:** Ensure your computer is powered off and unplugged from the wall outlet. Open your computer case.
2. **Mount the Power Supply:** Carefully slide the power supply into the designated PSU bay in your computer case. Secure it with the provided mounting screws.
3. **Connect Modular Cables:** Identify the necessary cables for your motherboard, CPU, graphics card(s), and storage devices. Connect them to the corresponding ports on the power supply.

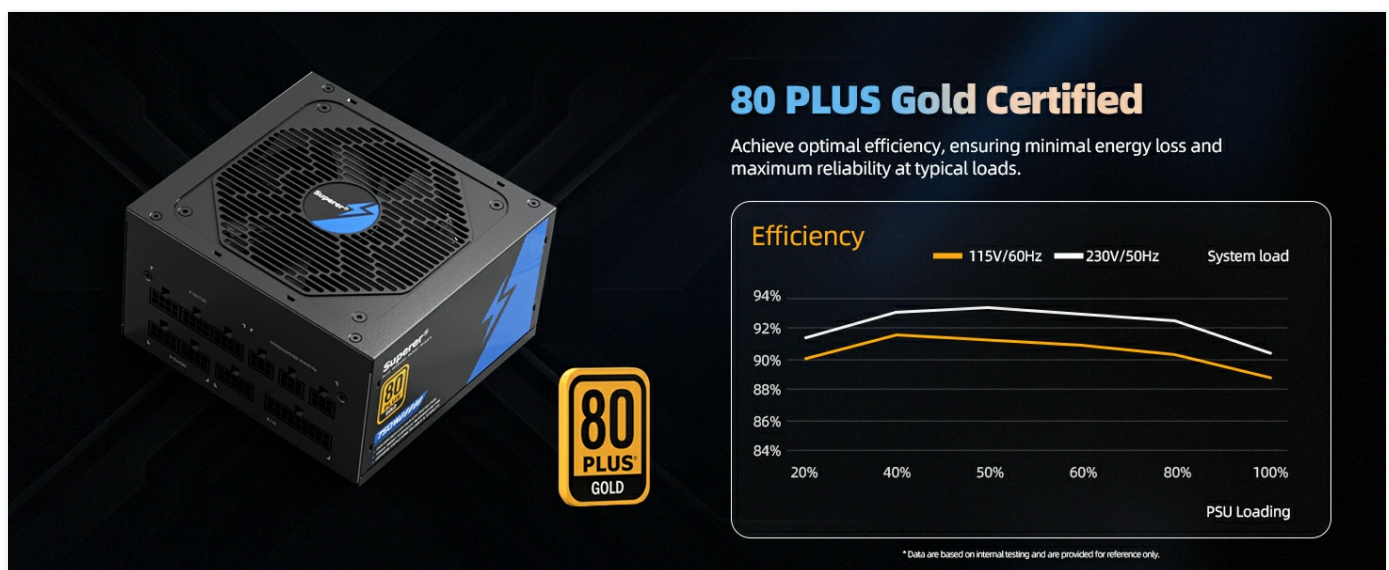


Image: The fully modular design allows for connecting only the essential cables, improving airflow and reducing clutter.

4. **Connect to Components:** Route the connected modular cables to your motherboard (20+4 pin ATX, 4+4 pin CPU), graphics card(s) (PCIe 6+2 pin), SATA devices, and other peripherals. Ensure all connections are secure.



Image: Detailed view of the included modular cables and their specifications for proper connection.

5. **Close Case and Connect AC Power:** Once all internal connections are made, close your computer case. Connect the AC power cord to the power supply and then to a wall outlet.

Your browser does not support the video tag.

Video: An overview of the Superer 750W PSU features and a demonstration of its modular design and installation process.

5. OPERATING INSTRUCTIONS

After successful installation, you can power on your system. The Superer 750W PSU is designed for reliable and efficient operation.

Power On/Off:

- To power on, ensure the PSU's main switch (if present) is in the 'ON' position, then press your computer's power button.
- To power off, shut down your operating system normally. For complete power disconnection, switch off the PSU's main switch and unplug the AC cord.

Efficiency and Cooling:

The 80 PLUS Gold certification ensures high energy efficiency, converting more power into usable electricity and less into heat. The 120mm fan operates quietly, adjusting its speed based on load to maintain optimal temperatures without excessive noise.



Image: The 80 PLUS Gold efficiency curve demonstrates the power supply's high efficiency across various load levels.



6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your power supply.

- **Dust Removal:** Periodically clean dust from the power supply's fan and ventilation grilles using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Cable Management:** Ensure modular cables are neatly routed to prevent obstruction of airflow within the PC case.
- **Environmental Conditions:** Operate the power supply within recommended temperature and humidity ranges to prevent damage.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **No Power:** Check if the AC power cord is securely connected to both the PSU and the wall outlet. Ensure the PSU's main switch is in the 'ON' position. Verify all modular cables are correctly seated.
- **System Instability/Crashes:** This could indicate insufficient power or a faulty component. Ensure your system's power requirements do not exceed the PSU's 750W capacity. Check all cable connections.
- **Unusual Noises:** While the fan is designed for quiet operation, excessive or unusual noises may indicate a problem. Ensure no cables are obstructing the fan.

Advanced Protection Features:

Your Superer PSU is equipped with multiple protection circuits to safeguard your system:

- **UVP (Under Voltage Protection):** Protects against voltage drops.
- **OVP (Over Voltage Protection):** Protects against excessive voltage.
- **SCP (Short Circuit Protection):** Protects against short circuits.
- **OCP (Over Current Protection):** Protects against excessive current.
- **OTP (Over Temperature Protection):** Protects against overheating.
- **OPP (Over Power Protection):** Protects against exceeding the maximum power output.

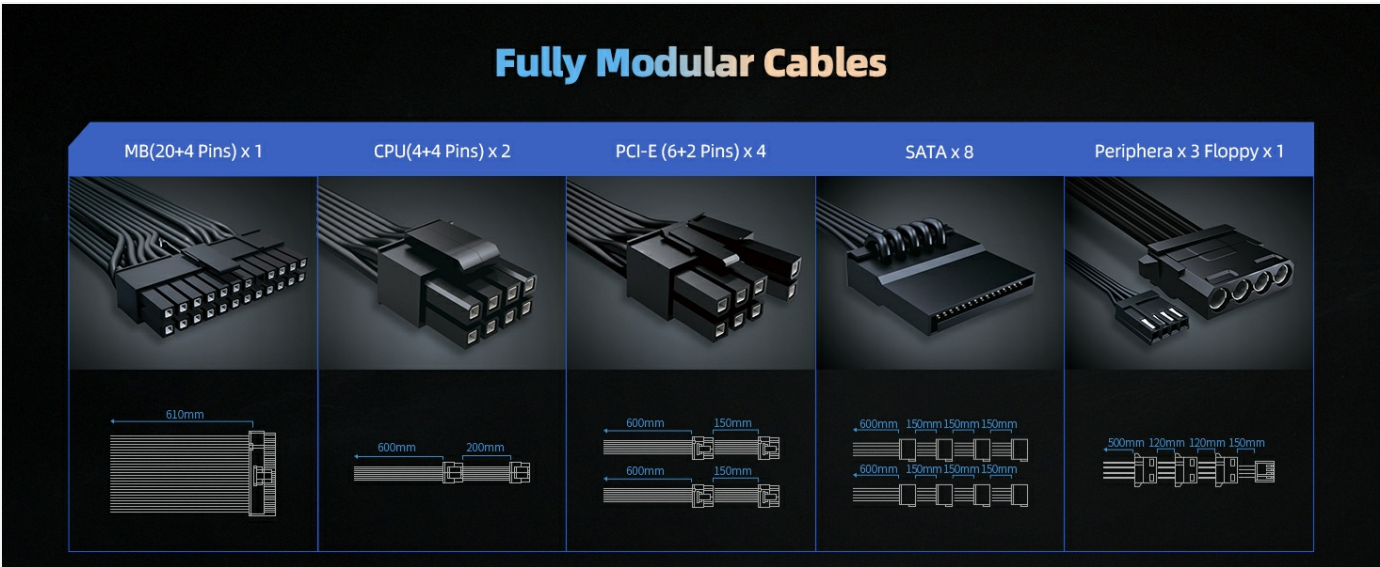


Image: Visual representation of the comprehensive safety protections integrated into the power supply.

If issues persist after following these steps, please contact Superer customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Superer
Model Name	ADP195770
Output Wattage	750 Watts
Form Factor	ATX
Efficiency Certification	80 PLUS Gold
Power Supply Design	Full Modular
Cooling Method	Air (120mm fan)
Capacitors	105°C Japanese Capacitors
Connector Type	ATX
Item Weight	5.59 pounds
Package Dimensions	10.2 x 8.46 x 4.65 inches
Current Rating	7.7 Amps

9. WARRANTY AND SUPPORT

The Superer 750W Gaming Power Supply comes with a **10-Year Warranty**, ensuring long-term reliability and peace of mind. For technical support, warranty claims, or further assistance, please contact Superer customer service through the retailer where the product was purchased or visit the official Superer website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question