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› Antec Neo ECO NE1000G M 1000W ATX 3.0 Modular Power Supply Unit Instruction Manual

Antec NE1000G M

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INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the Antec Neo ECO NE1000G M 1000W ATX 3.0 Modular Power Supply Unit. This manual provides essential information for the proper installation, operation, and maintenance of your power supply. Please read this manual thoroughly before installation to ensure optimal performance and safety.

2. Safety Information

- **Electrical Hazard:** Do not open the power supply unit. High voltages are present inside, even when the unit is unplugged.
- **Proper Grounding:** Ensure your system is properly grounded to prevent electrical shock.
- **Ventilation:** Do not block the ventilation openings of the power supply. Ensure adequate airflow for cooling.
- **Moisture:** Keep the power supply away from water, humidity, and other liquids.
- **Temperature:** Operate the power supply within the specified temperature range. Avoid extreme heat or cold.
- **Professional Installation:** If you are unsure about any installation steps, consult a qualified technician.

3. Package Contents

Verify that all items are present in your package:

- Antec Neo ECO NE1000G M 1000W Power Supply Unit
- Modular Cable Set (including ATX 20+4 pin, EPS/CPU, PCIe 5.0 12VHPWR, SATA, Molex)
- AC Power Cord
- Mounting Screws
- Instruction Manual (this document)

4. Features

- **1000W Continuous Power:** Provides stable and reliable power for high-performance systems.
- **ATX 3.0 & PCIe 5.0 Ready:** Designed to meet the latest power delivery standards for modern components.

- **80 PLUS Gold Certified:** Ensures high efficiency, reducing energy waste and heat generation.
- **Modular Cable Management:** Allows for connecting only the necessary cables, improving airflow and reducing clutter within the PC case.
- **Advanced Cooling:** Equipped with an air cooling system for efficient heat dissipation and quiet operation.
- **White Aesthetic:** Features a clean white finish to complement various PC build themes.

5. Setup and Installation

Follow these steps for proper installation of your power supply unit:

1. **Prepare Your System:** Ensure your computer is powered off and unplugged from the wall outlet. Open your PC case.
2. **Mount the PSU:** Carefully place the Antec Neo ECO NE1000G M into the designated power supply bay in your PC case. Secure it with the provided mounting screws.
3. **Connect Modular Cables:** Identify the necessary cables for your motherboard and components. Connect them to the corresponding ports on the power supply unit.



Image: Antec Neo ECO NE1000G M Power Supply Unit. This image displays the top and side of the power supply, highlighting the fan grille and the modular cable connection ports on the front face. The ports are clearly labeled for different cable types such as ATX 3.0, PCIe 5.0, SATA/Molex, 18P M/B, 10P M/B, and PCIe/CPU, indicating where each modular cable should be connected.

- 4. **Connect to Motherboard:** Connect the main 20+4 pin ATX cable to your motherboard. Also, connect the appropriate EPS/CPU power cables to your motherboard's CPU power connectors.
- 5. **Connect to Components:** Connect PCIe power cables to your graphics card(s), SATA power cables to your storage drives (SSDs/HDDs), and Molex cables to any other peripherals requiring them.
- 6. **Cable Management:** Route cables neatly to improve airflow and aesthetics. Use cable ties if necessary.
- 7. **Final Checks:** Double-check all connections to ensure they are secure. Close your PC case.
- 8. **Power On:** Connect the AC power cord to the power supply and then to a wall outlet. Flip the power switch on the PSU to the 'ON' position. You can now power on your computer.

6. Operating Instructions

The Antec Neo ECO NE1000G M operates automatically once installed and powered on. The internal fan will adjust its speed based on the power supply's temperature and load to maintain optimal cooling and noise levels. No user intervention is typically required for its operation.

7. Maintenance

- **Dust Removal:** Periodically inspect the power supply's fan grille and interior for dust accumulation. Use compressed air to gently remove dust from the fan and vents to ensure efficient cooling. Always power off and unplug the system before cleaning.
- **Cable Integrity:** Ensure all modular cables remain securely connected and are not pinched or damaged.

8. Troubleshooting

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

- **No Power:**
 - Ensure the AC power cord is securely connected to both the PSU and the wall outlet.
 - Verify the power switch on the back of the PSU is in the 'ON' position.
 - Check all modular cable connections, especially the main 20+4 pin ATX and EPS/CPU cables.
 - Test the wall outlet with another device to confirm it has power.
- **System Instability/Crashes:**
 - Ensure your system's power requirements do not exceed the PSU's 1000W capacity.
 - Check for proper ventilation and ensure the PSU fan is operating. Overheating can cause instability.
 - Verify all component power cables (e.g., PCIe for graphics cards) are correctly and fully seated.
- **Unusual Noises:**
 - A slight fan noise is normal under load. If you hear grinding or excessive noise, ensure no cables are obstructing the fan.
 - If unusual noises persist, contact Antec support.

If troubleshooting steps do not resolve the issue, please contact Antec customer support for further assistance.

9. Specifications

Feature	Specification
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Model Number	0-761345-11791-3
Output Wattage	1000 W
Form Factor	ATX
Power Supply Design	Semi-Modular
Efficiency Certification	80 PLUS Gold
Compatible Devices	Personal Computer
Connector Type	ATX (20+4 pin), EPS/CPU, PCIe 5.0 (12VHPWR), SATA, Molex
Cooling Method	Air
Product Dimensions (L x W x H)	5.51 x 5.91 x 3.39 inches (140 x 150 x 86 mm)
Item Weight	4.41 pounds (2000 Grams)

10. Warranty and Support

Antec products are manufactured to the highest quality standards. For information regarding the warranty period and terms for your Antec Neo ECO NE1000G M power supply, please refer to the warranty card included with your product or visit the official Antec website. For technical support, troubleshooting assistance, or warranty claims, please contact Antec customer service through their official support channels.

Antec Official Website: www.antec.com

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