XPG 75261186

XPG Core Reactor II Power Supply User Manual

Model: 75261186

1. INTRODUCTION

The XPG Core Reactor II Power Supply is a high-performance component designed to provide stable and efficient power to your computer system. With 750W of power and 80 Plus Gold certification, it ensures high energy efficiency. Its Full Modular design simplifies installation and cable management. The Active PFC (Power Factor Correction) feature further enhances overall system performance by delivering consistent and reliable power, crucial for demanding PC operations.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the power supply. Failure to do so may result in personal injury or damage to the product or other components.

- **Electrical Safety:** Always disconnect the power cord from the wall outlet before installing, removing, or cleaning the power supply. Ensure your hands are dry when handling electrical components.
- **Proper Grounding:** Ensure your computer system and the power outlet are properly grounded to prevent electrical shock.
- **Ventilation:** Do not block the ventilation openings of the power supply. Ensure adequate airflow around the unit to prevent overheating.
- **Environment:** Operate the power supply in a dry, well-ventilated environment. Avoid exposure to moisture, dust, and extreme temperatures.
- **Handling:** Handle the power supply with care. Avoid dropping or subjecting it to strong impacts.
- **Authorized Service:** Do not attempt to open or repair the power supply yourself. Refer all servicing to qualified service personnel. Opening the unit will void the warranty.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any items are missing or damaged, please contact your retailer or XPG support.

- XPG Core Reactor II Power Supply Unit
- Modular Cable Set (including ATX 24-pin, EPS/CPU 4+4-pin, PCIe 6+2-pin, SATA, and Peripheral cables)
- AC Power Cord
- Mounting Screws

- User Manual (this document)

Image: The XPG Core Reactor II Power Supply unit, showcasing its black finish, fan grille, and modular cable ports. The image also implies the presence of various modular cables for system connection.

4. SETUP AND INSTALLATION

Follow these steps to properly install your XPG Core Reactor II Power Supply into your computer system.

1. **Prepare Your System:** Ensure your computer is completely powered off and unplugged from the wall outlet. Open your computer case.

2. **Remove Old Power Supply (if applicable):** Disconnect all cables from your old power supply and remove its mounting screws. Carefully slide it out of the case.

3. **Mount the New Power Supply:** Position the XPG Core Reactor II Power Supply in the designated PSU bay of your computer case. Ensure the fan is oriented correctly (typically facing downwards or upwards depending on case design and ventilation). Secure it with the provided mounting screws.

4. **Connect Modular Cables:** Due to its full modular design, you only need to connect the cables required for your components.

   - **Motherboard Power:** Connect the 24-pin ATX cable to the corresponding port on the power supply and the motherboard.
   - **CPU Power:** Connect the 4+4-pin EPS/CPU cable to the power supply and the CPU power connector(s) on your motherboard.
   - **Graphics Card Power:** Connect the 6+2-pin PCIe cables to the power supply and your graphics card(s). Use separate cables for each connector on high-power GPUs if possible.

- **SATA Devices:** Connect SATA power cables to your SSDs, HDDs, and optical drives.
- **Peripheral Devices:** Connect peripheral (Molex) cables for case fans or other accessories as needed.

5. **Cable Management:** Route cables neatly to improve airflow and aesthetics within your case.

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

5. OPERATING INSTRUCTIONS

Operating the XPG Core Reactor II Power Supply is straightforward once installed.

- **Power On:** Ensure the power switch on the back of the power supply (next to the AC inlet) is in the 'I' (On) position. Then, power on your computer using the case's power button.
- **Efficiency:** The 80 Plus Gold certification indicates high energy efficiency, meaning less wasted heat and lower electricity consumption compared to less efficient power supplies.
- **Active PFC:** The Active Power Factor Correction feature automatically adjusts the input current waveform to improve the power factor, leading to more stable and cleaner power delivery to your components.
- **Power Off:** To shut down your system, use the operating system's shutdown function. For complete power disconnection, switch the power supply's switch to the 'O' (Off) position and unplug the AC power cord.

6. MAINTENANCE

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

- **Dust Removal:** Periodically (e.g., every 3-6 months), power off and unplug your computer. Use compressed air to gently blow dust out of the power supply's fan grille and ventilation openings. Hold the fan blades to prevent them from spinning rapidly during cleaning, which can damage the bearings.
- **Cable Inspection:** Occasionally check all connected modular cables to ensure they are securely seated and free from damage.
- **Environmental Check:** Ensure the operating environment remains clean, dry, and within recommended temperature ranges.

7. TROUBLESHOOTING

If you encounter issues with your XPG Core Reactor II Power Supply, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
System does not power on.	Power cord not connected, PSU switch off, loose internal cables, faulty component.	Ensure AC power cord is securely plugged into the PSU and wall outlet. Check that the PSU's power switch is in the 'I' (On) position. Verify all modular cables (24-pin ATX, CPU, PCIe) are firmly connected to the PSU and components. Test with a different power outlet.

Problem	Possible Cause	Solution
System powers on but shuts down immediately.	Overload, overheating, short circuit, faulty component.	Ensure adequate ventilation and clear any obstructions around the PSU fan. Check for any loose screws or components that might be causing a short circuit. Verify that your system's power requirements do not exceed the PSU's 750W capacity.
Unusual noise from PSU.	Fan obstruction, faulty fan bearing.	Power off and unplug the system. Inspect the fan for any foreign objects. If the noise persists and is not due to dust, contact XPG support.

If the problem persists after trying these steps, please contact XPG customer support for further assistance.

8. SPECIFICATIONS

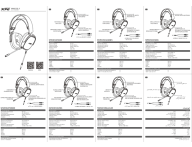| Feature	Detail
Brand	XPG
Model Name	75261186
Output Wattage	750 Watts
Efficiency Certification	80 Plus Gold
Form Factor	ATX
Modularity	Full Modular
PFC Type	Active PFC
Cooling Method	Air
Connector Type	ATX (24 Pin, EPS, PCIe, SATA, Peripheral)
Item Weight	7.35 pounds (approx. 3.33 kg)
Package Dimensions	13.39 x 8.43 x 6.38 inches (approx. 34 x 21.4 x 16.2 cm)
Color	Black
Maximum Input Voltage	120 Volts (AC)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your XPG Core Reactor II Power Supply, please visit the official XPG website or contact their customer support directly.

You can also visit the official XPG Store on Amazon for product information and support resources:

Related Documents - 75261186

	[XPG CORE REACTOR II VE Series Modular Power Supply Quick Start Guide](#) This guide provides quick start instructions, specifications, cable listings, protection circuit details, installation steps, troubleshooting tips, and safety information for the XPG CORE REACTOR II VE series of modular power supplies, including 850W, 750W, and 650W models.
	[XPG Core Reactor II Gold Series Power Supply Quick Start Guide](#) This document provides a quick start guide for the XPG Core Reactor II Gold Series power supply, including specifications, cable listings, efficiency and fan curves, safety information, installation instructions, troubleshooting, and warranty details.
	[XPG PROBE Bronze Power Supply Quick Start Guide: Installation & Specs](#) Comprehensive quick start guide for XPG PROBE Bronze power supply units (700W and 600W). Includes installation steps, troubleshooting tips, warranty information, and technical specifications.
	[XPG Sorcerer Mini Gaming Keyboard - Quick Start Guide](#) Comprehensive guide to the XPG Sorcerer Mini Gaming Keyboard, detailing its features, lighting controls, function keys, game profiles, media controls, and software integration for an enhanced gaming experience.
	[XPG XENIA 14 Gaming Notebook Quick Start Guide](#) This document provides a quick start guide for the XPG XENIA 14 Gaming Notebook, covering product overview, ports, AC adapter, keyboard, touchpad, and safety information.
	[XPG PRECOG S Gaming Headset: Features, Specifications, and Support](#) Explore the XPG PRECOG S Gaming Headset, featuring rotatable ear cups, an omnidirectional microphone, and on-ear controls. Find detailed specifications, safety guidelines, cleaning instructions, and warranty information. Visit www.xpg.com for more.