Seasonic SSR-750FX

Seasonic FOCUS GX-750 Power Supply User Manual

Model: SSR-750FX | Brand: Seasonic

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Seasonic FOCUS GX-750 power supply. The FOCUS GX Series is designed for optimal electrical performance and reliability, featuring a fully modular design and 80 PLUS Gold efficiency.

Safety Information

WARNING: Hazardous voltage inside! Do NOT open this power supply unit. To be serviced by trained personnel only. No user serviceable components inside.

This power supply is only compatible with cables provided by Seasonic. Any other cables not approved by Seasonic will result in item malfunction and may cause damage to your system or the power supply itself. Always ensure the power supply is disconnected from the AC outlet before installation or maintenance.

What's in the Box

Your Seasonic FOCUS GX-750 package includes the following components:



An overview of the Seasonic FOCUS GX-750 power supply and all its included accessories, neatly laid out.



The Seasonic FOCUS GX-750 power supply unit alongside its retail packaging, highlighting the 80 PLUS Gold certification and 10-year warranty.

- Seasonic FOCUS GX-750 Power Supply Unit
- Modular Cable Set (Motherboard, CPU, PCIe, SATA, Molex, SATA 3.3 Adapter)
- AC Power Cord
- Mounting Screws
- Cable Ties
- User Manual and Installation Guide
- PSU Tester (for initial functionality check)
- Cable Pouch

Your browser does not support the video tag.

Official unboxing video for the Seasonic FOCUS GX Power Supply, demonstrating the contents of the retail package.

Setup and Installation

Follow these steps to properly install your Seasonic FOCUS GX-750 power supply:

1. **Prepare your System:** Ensure your computer is completely powered off and unplugged from the wall outlet. Open your computer case to access the power supply bay.
2. **Remove Old PSU (if applicable):** Disconnect all cables from your old power supply and remove it from the case.
3. **Mount the New PSU:** Carefully slide the Seasonic FOCUS GX-750 into the power supply bay. Secure it with the provided mounting screws. Ensure the fan is facing the correct direction for optimal airflow (typically facing down if your case has a bottom vent, or up if not).



Rear view of the power supply, showing the power input, on/off switch, and Hybrid Mode button.

4. **Connect Modular Cables:** The FOCUS GX-750 is a fully modular power supply. Connect only the necessary cables for your components. Refer to the table below for cable types and lengths.



Top view of the power supply, illustrating the clearly labeled modular cable connection ports for various components.



A detailed close-up of the modular cable ports on the power supply, showing the different types of connectors.

Cable Type and Lengths

Cable Type	Number of Cable(s)	Connector(s) per Cable	Total Length
Motherboard	1	1 (20 + 4 Pins)	610 mm
CPU (ATX 12 V / EPS 12 V)	2	1 (4 + 4 Pins)	650 mm
PCIe	2	2 (6 + 2 Pins)	750 mm
SATA	1	4	810 mm
SATA	1	4	860 mm
SATA	1	2	450 mm
Molex	1	3	690 mm
Molex to SATA 3.3 Adapter	1	2	300 mm

This table details the types, quantities, and lengths of the modular cables included with your power supply, aiding in proper cable management and connection.

5. **Connect AC Power:** Once all internal connections are secure, connect the AC power cord to the power supply and then to a wall outlet.
6. **Power On:** Flip the main power switch on the back of the PSU to the 'I' (On) position. You can then power on your computer.

Operating Instructions

Hybrid Silent Fan Control

The Seasonic FOCUS GX-750 features an advanced three-phased thermal control system for optimal balance between silence and cooling. This Hybrid Silent Fan Control operates in three stages:

- **Fanless Mode:** The fan remains off under low load conditions, providing absolute silence.
- **Silent Mode:** As load increases, the fan spins at a very low RPM to maintain quiet operation.
- **Cooling Mode:** Under higher loads, the fan speed increases to ensure efficient cooling and stable performance.

You can toggle the Hybrid Mode using the button on the rear of the power supply. When Hybrid Mode is enabled (button pressed in), the fan will not spin until a certain temperature or load threshold is reached. When disabled (button out), the fan will spin continuously, even at low loads.



A clear view of the power supply's fan, which is controlled by the Hybrid Silent Fan Control feature for optimized cooling and noise levels.

Maintenance

To ensure the longevity and optimal performance of your power supply, consider the following maintenance tips:

- **Dust Removal:** Periodically clean dust from the power supply's fan and vents using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Cable Management:** Proper cable management improves airflow within your PC case, which can help keep the PSU and other components cooler.
- **Environmental Conditions:** Operate the power supply in a well-ventilated area, away from excessive heat, humidity, and direct sunlight.

Troubleshooting

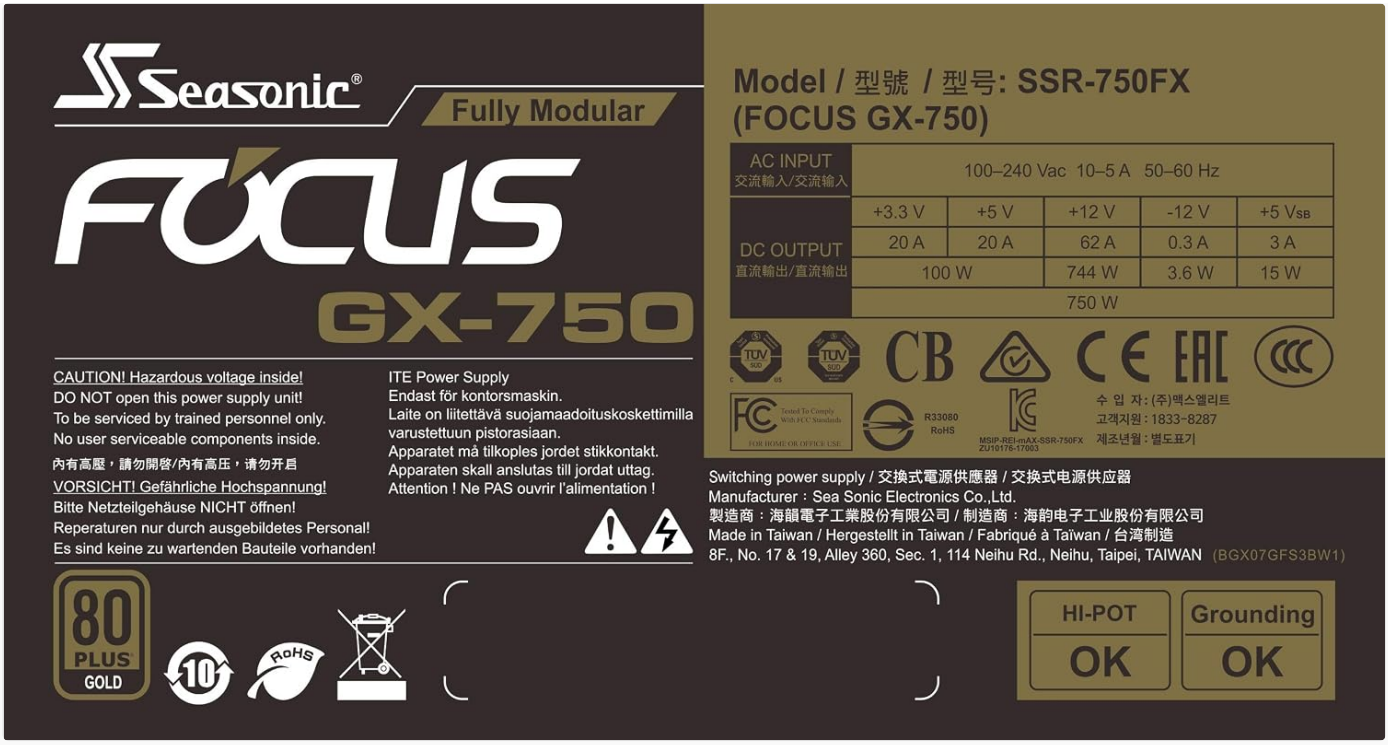
If you encounter issues with your Seasonic FOCUS GX-750, try the following troubleshooting steps:

- **No Power:**
  - Ensure the AC power cord is securely connected to both the PSU and the wall outlet.
  - Verify the main power switch on the PSU is in the 'I' (On) position.
  - Check all modular cable connections to your motherboard and components.
  - Test the PSU using the included PSU tester to confirm basic functionality.
- **Fan Not Spinning (Hybrid Mode):**
  - If the Hybrid Mode button is pressed in, the fan will not spin at low loads or temperatures. This is normal operation.
  - If you wish for the fan to spin continuously, ensure the Hybrid Mode button is in the 'out' position.
- **System Instability/Crashes:**
  - Ensure your system's power requirements do not exceed the PSU's 750W capacity.
  - Verify all power connections are secure and correctly seated.
  - Check for proper ventilation within your PC case to prevent overheating.

Specifications

Detailed technical specifications for the Seasonic FOCUS GX-750 Power Supply:

Feature	Specification
Brand	Seasonic
Model Name	Focus GX-750
Item Model Number	SSR-750FX
Output Wattage	750 Watts
Efficiency Rating	80 PLUS Gold
Form Factor	ATX12V
Modularity	Full-Modular
Cooling Method	Air (Hybrid Silent Fan Control)
Item Weight	3.52 pounds (1.6 Kilograms)
Product Dimensions (LxWxH)	7.28 x 12.44 x 4.69 inches
Input Voltage	100-240 VAC
Manufacturer	Seasonic
Date First Available	June 27, 2017



The product label on the power supply, detailing electrical specifications, certifications, and manufacturing information.

Warranty and Support

Seasonic stands behind the quality of its products. The FOCUS GX-750 comes with a**10-Year Warranty**, demonstrating our commitment to superior quality and reliability.
For technical support, warranty claims, or further assistance, please visit the official Seasonic website or contact their customer service directly. You can also refer to the User Manual (PDF) for additional details.

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