

EBTOOLS 350W Desktop PC Power Supply

EBTOOLS 350W Desktop PC Power Supply User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EBTOOLS 350W Desktop PC Power Supply. Please read this manual thoroughly before use to ensure proper functionality and safety. This power supply is designed for desktop computer systems requiring a 350W power output and supports 115/230V adjustable input. It features a low energy consumption design and quiet operation.

2. SAFETY INFORMATION

Important Safety Instructions:

- Ensure the power supply is disconnected from the main power source before installation or maintenance.
- Do not open the power supply casing. High voltage components inside can cause electric shock.
- Install the power supply in a well-ventilated area to prevent overheating.
- Verify the voltage switch (115V/230V) is set correctly for your region before connecting to power. Incorrect voltage selection can damage the unit and connected components.
- Use only the provided power cable or a compatible, certified power cable.
- Keep the power supply away from water, moisture, and extreme temperatures.
- This product is intended for use with personal computers only.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x EBTOOLS 350W PC Power Supply
- 1 x Power Cable (US Plug)

4. PRODUCT OVERVIEW

The EBTOOLS 350W PC Power Supply is designed to provide stable and efficient power to your desktop

computer components. It features a robust design with multiple connectors for various peripherals.



Figure 4.1: Front and side view of the EBTOOLS 350W PC Power Supply, showing the fan grill and cable bundle.

4.1 Key Features

- **350W Rated Power:** Provides sufficient power for basic desktop systems.
- **115/230V Adjustable Input:** Manual switching for compatibility with different regional power standards.
- **Low Energy Consumption:** Optimized for efficiency.
- **Low Noise Operation:** Fan speed is automatically controlled by a thermal sensor.
- **Real Double Magnetic Ring Design:** Adopts ATX12V 2.31 specification for stable performance.
- **Clear Connectors:** Marked connectors for quick and easy installation.

Real double magnetic ring design

Adopt for Intel ATX12V 2.31 specification



Figure 4.2: Illustration highlighting the double magnetic ring design, indicating adherence to ATX12V 2.31 specification.

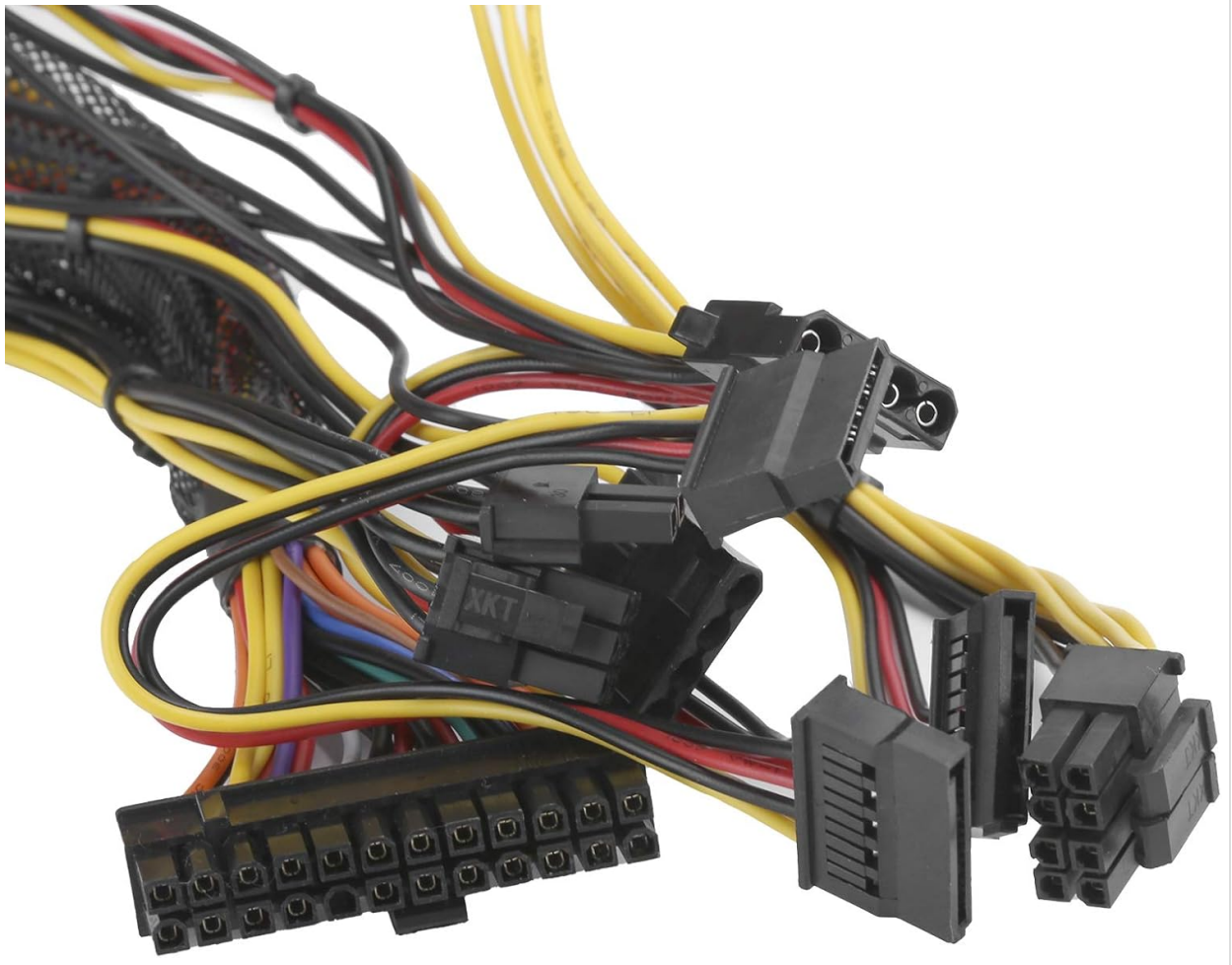


Figure 4.3: Close-up view of the power supply's various connectors, including the 20+4 pin motherboard connector, CPU 4+4 pin, SATA, and PCIe 6+2 pin connectors.

5. SETUP AND INSTALLATION

Follow these steps to install the power supply into your desktop computer.

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 the old power supply to your motherboard, graphics card, and other components. Unscrew and remove the old power supply from the case.
3. **Set Voltage Switch:** Locate the red voltage selector switch on the back of the new power supply. Set it to the correct voltage for your region (115V for North America, 230V for most of Europe and Asia). **Failure to set this correctly can cause severe damage.**



Figure 5.1: The voltage selector switch and AC power input on the rear of the power supply. Ensure the switch is set to the correct local voltage (115V or 230V) before connecting to power.

4. **Mount the Power Supply:** Slide the new EBTOOLS power supply into the designated bay in your computer case. Secure it with screws.
5. **Connect Cables:** Connect the power supply cables to your computer components. Refer to your motherboard and component manuals for specific connection points.
 - **Motherboard:** Connect the 20+4 Pin main power connector.
 - **CPU:** Connect the 4+4 Pin CPU 12V connector.
 - **Graphics Card (if applicable):** Connect the 6+2 Pin Video Interface connector.
 - **Storage Drives (HDD/SSD):** Connect SATA power connectors.
 - **Fans/Other Peripherals:** Connect any additional fan or peripheral connectors as needed.
6. **Cable Management:** Route cables neatly to improve airflow and aesthetics.

7. **Close Case and Power On:** Close your computer case, plug in the power cable, and power on your system.

6. OPERATING INSTRUCTIONS

Once installed, the EBTOOLS 350W PC Power Supply operates automatically. It provides continuous power to your system components as long as it is connected to a power source and the computer is turned on.

- **Power On/Off:** Use your computer's power button to turn the system on or off. The power supply will activate or deactivate accordingly.
- **Fan Operation:** The internal fan's speed is automatically regulated by a thermal sensor to maintain optimal operating temperature and minimize noise.
- **Voltage Selection:** The 115/230V switch should only be adjusted when the power supply is completely disconnected from the wall outlet. Do not attempt to change this setting while the unit is powered.

7. 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 vents using compressed air. Ensure the computer is powered off and unplugged before cleaning.
- **Cable Inspection:** Occasionally check all connected cables to ensure they are securely seated and free from damage.
- **Ventilation:** Ensure that the computer case has adequate airflow and that the power supply's vents are not obstructed.

8. TROUBLESHOOTING

If you encounter issues with your power supply, refer to the following common problems and solutions:

No Power to System:

Check if the power cable is securely connected to both the power supply and the wall outlet. Ensure the power supply's main switch (if present) is in the 'ON' position. Verify the 115/230V voltage selector switch is set correctly for your region. Confirm all internal power connectors (motherboard, CPU, etc.) are firmly seated. Test the wall outlet with another device to ensure it has power.

System Powers On but Shuts Down Immediately:

This could indicate an overload or a short circuit. Disconnect non-essential components and try again. Ensure all components are correctly installed and no metal parts are touching the motherboard or other components causing a short. Verify the power supply wattage is sufficient for all your components.

Loud Fan Noise:

While the fan speed is thermally controlled, excessive noise might indicate dust buildup. Clean the fan and vents as described in the Maintenance section. Ensure the power supply is not operating in an excessively hot environment.

If problems persist after attempting these solutions, contact customer support.

9. SPECIFICATIONS

Detailed technical specifications for the EBTOOLS 350W PC Power Supply:

Size: Approx. 140mm / 5.5in
150mm / 5.9in
86mm / 3.4in

Fan: Approx. 12cm / 4.7in

Power Cord Length: Approx. 1.1meter / 3.6ft



Figure 9.1: Side view of the power supply with key dimensions and fan size indicated.

Feature	Detail
Rated Power	350W
Size (L x W x H)	Approx. 140 x 150 x 86mm / 5.5 x 5.9 x 3.4in
Fan Size	Approx. 12cm / 4.7in
PFC	None, manual switching
Efficiency	> 80%
Motherboard Interface	20 + 4 Pin
CPU 12V Interface	4 Pin + 4 Pin
Fan Interface	2
SATA Interface	3
Video Interface	6 + 2 Pin


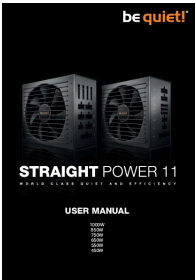

Feature	Detail
Input Voltage	115/230V (Adjustable)
Holding Time	> 10ms
Power Cord Length	Approx. 1.1 meter / 3.6ft
Form Factor	ATX12V
Cooling Method	Air
Item Weight	2.42 pounds

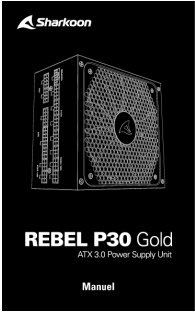
10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact EBTOOLS customer service through their official channels. Keep your purchase receipt for warranty claims.

For further assistance, you may visit the [EBTOOLS Store on Amazon](#).

Related Documents - 350W Desktop PC Power Supply

 <p>USERS MANUAL</p>	<p>RAIDMAX Computer Case User Manual - Installation Guide</p> <p>Comprehensive user manual for RAIDMAX computer cases, detailing installation steps for power supply, drive bays, motherboard, front panel wiring, audio ports, and peripherals. Includes essential setup guidance for PC building.</p>
	<p>be quiet! Straight Power 11 User Manual: Installation, Safety, and Technical Specifications</p> <p>Comprehensive user manual for the be quiet! Straight Power 11 series power supplies, covering installation, safety instructions, compatibility, troubleshooting, technical data, and warranty information.</p>
	<p>Sharkoon SilentStorm SFX Bronze Power Supply Unit Manual</p> <p>Comprehensive user manual for the Sharkoon SilentStorm SFX Bronze series power supply units (350W and 450W). Includes safety instructions, warranty details, package contents, cabling guides, installation steps, and troubleshooting tips.</p>



[Sharkoon REBEL P30 Gold ATX 3.0 Power Supply Unit Manual](#)

User manual for the Sharkoon REBEL P30 Gold ATX 3.0 Power Supply Unit, covering safety instructions, warranty, technical specifications, installation, cooling options, connection options, and troubleshooting.



[Thermaltake Toughpower GT 850W/750W/650W Power Supply Unit Manual](#)

Comprehensive guide for Thermaltake Toughpower GT series power supply units (850W, 750W, 650W), covering safety warnings, component checks, installation steps, output specifications, protection features, and troubleshooting.



[LC850P2 V3.1 850W 80 PLUS Platinum ATX Power Supply Unit](#)

Detailed information on the LC-Power LC850P2 V3.1, an 850W 80 PLUS Platinum certified ATX power supply unit with high efficiency, silent cooling, and comprehensive connectivity for modern PC builds. Includes specifications, safety instructions, and warranty details.