

ZZIH_DNC_18305

Generic 240W Power Supply Unit Instruction Manual

Model: ZZIH_DNC_18305

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Generic 240W Power Supply Unit (PSU). This PSU is designed for compatibility with specific computer models, including dc7800 and dc7900 series, and is identified by part numbers such as PS-6241-7HP, PC6014, DPS-240MB-1, 437798-001, 437352-001, 437351-001, and 437797-001. Please read this manual thoroughly before proceeding with installation or use.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the equipment:

- Ensure the computer is completely powered off and disconnected from the main power outlet before installation or maintenance.
- Do not open the power supply unit casing. There are no user-serviceable parts inside, and dangerous voltages are present.
- Avoid installing the PSU in environments with excessive moisture, dust, or extreme temperatures.
- Handle the PSU by its casing, avoiding contact with internal components or circuit boards.
- Ensure proper grounding of the computer system.



This image shows the product label affixed to the power supply, providing critical information such as part numbers (PS-6241-7HP, 437351-001, 437797-001), input/output voltage and current ratings, and important safety warnings. The serial number is 00214134 and a barcode with CT-530510BM7W83BJ is visible.

SETUP AND INSTALLATION

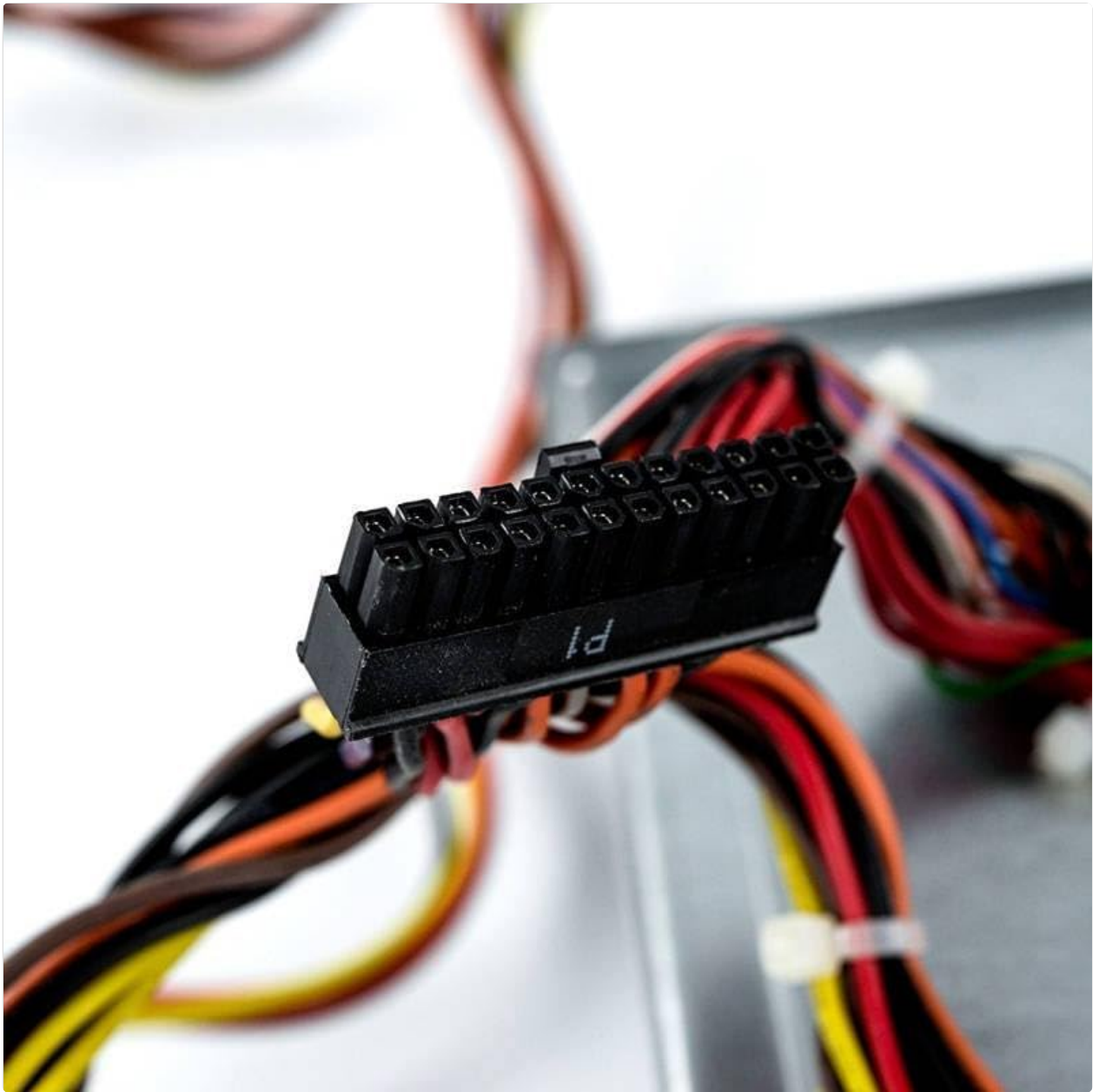
1. **Unpacking:** Carefully remove the power supply from its packaging. Inspect for any visible damage.
2. **System Preparation:**
 - Power off your computer completely.
 - Disconnect the power cord from the wall outlet and from the computer.
 - Open the computer case according to your computer's manufacturer instructions.
3. **Removing the Old PSU (if applicable):**
 - Disconnect all power cables from the motherboard, drives, and other components.
 - Unscrew the old PSU from the computer case and carefully remove it.
4. **Installing the New PSU:**

PS-6241-7HP
PC6014
DPS-240MB-1



An overall view of the 240W power supply unit, clearly indicating the 'Black Small 24P' connector, along with the model identifiers PS-6241-7HP, PC6014, and DPS-240MB-1.

- Gently slide the new 240W PSU into the designated bay in your computer case.
- Secure the PSU with the appropriate screws.
- Connect the 24-pin ATX power connector to the motherboard. Ensure it clicks into place.



A detailed view of the 24-pin ATX power connector, which is the main power connector for the motherboard.

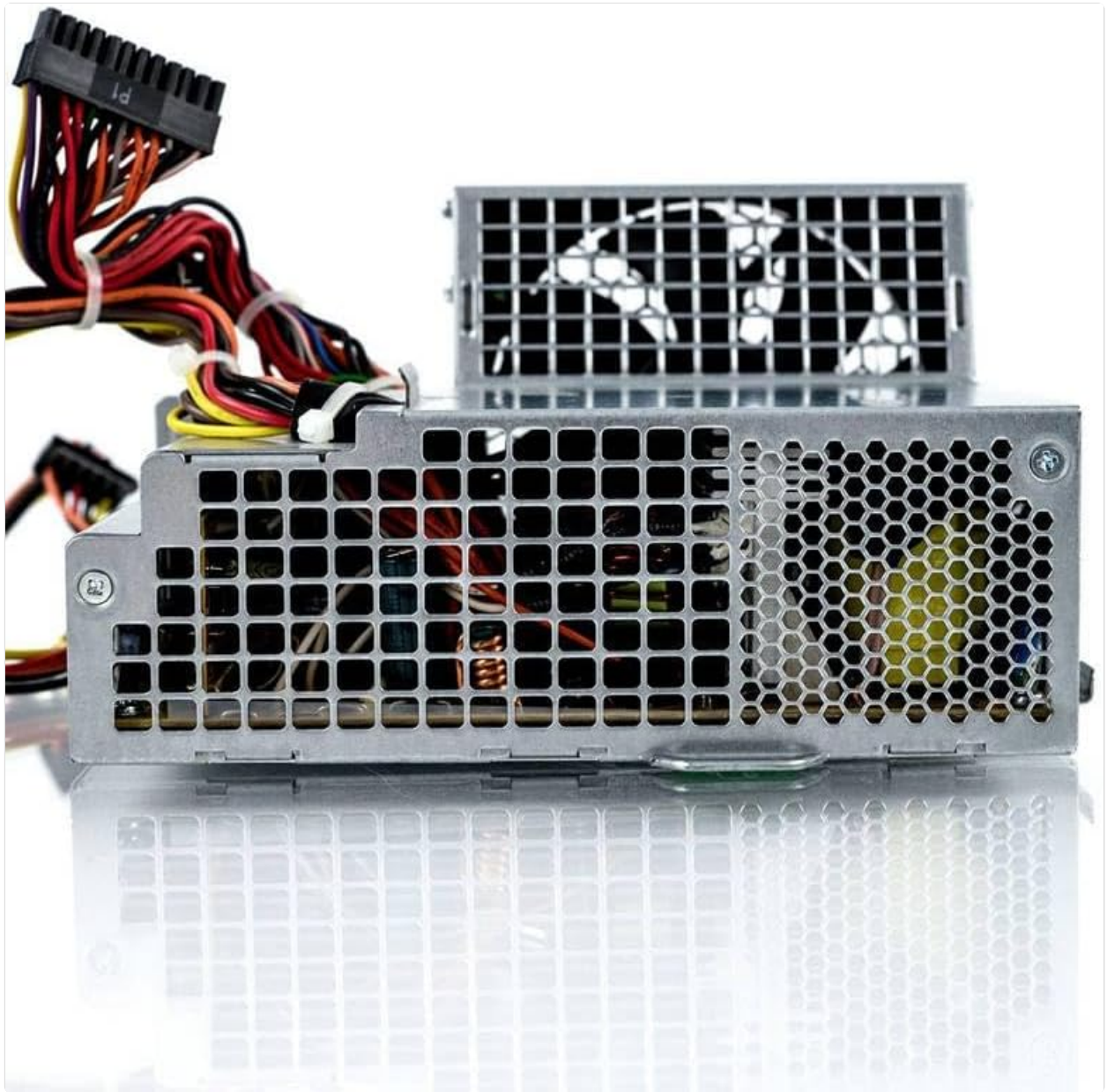
- Connect any additional power cables required for your components (e.g., CPU, SATA drives, PCIe graphics cards if applicable). Refer to your computer's motherboard manual for specific connection points.

5. **Closing the Case:** Once all connections are secure, close the computer case.

OPERATING INSTRUCTIONS

After installation, follow these steps to power on your system:

1. Connect the computer's power cord to the PSU and then to a grounded electrical outlet.
2. Press the power button on your computer. The system should boot normally.
3. Observe for any unusual noises or smells. If any occur, immediately power off the system and disconnect the power cord.



This image displays the side profile of the power supply unit, featuring the integrated cooling fan and the ventilation grilles designed for optimal airflow.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PSU:

- **Dust Removal:** Periodically (e.g., every 6-12 months), power off and unplug your computer. Open the case and use compressed air to gently clear dust from the PSU's fan and ventilation grilles. Ensure the fan blades do not spin excessively during cleaning.
- **Ventilation:** Ensure the computer case has adequate airflow and that the PSU's vents are not obstructed. Avoid placing the computer in enclosed spaces that restrict air circulation.
- **Environmental Conditions:** Operate the PSU within recommended temperature and humidity ranges to prevent premature failure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Computer does not power on.	Loose power connections, faulty power outlet, PSU switch off, or faulty PSU.	Check all power cables are securely connected. Verify the wall outlet is functional. Ensure the PSU's main power switch (if present) is in the 'ON' position. If issues persist, consult a qualified technician.
System instability or random shutdowns.	Insufficient power, overheating, or faulty PSU.	Ensure the PSU wattage (240W) is sufficient for all components. Check for proper ventilation and clean dust from the PSU fan. If problems continue, professional diagnosis may be required.
Loud fan noise from PSU.	Dust accumulation, fan bearing wear, or fan obstruction.	Clean the PSU fan and vents using compressed air. Ensure no cables are obstructing the fan blades. If noise persists and is excessive, the fan or PSU may need replacement.

SPECIFICATIONS

- **Brand:** Generic
- **Model Numbers:** PS-6241-7HP, PC6014, DPS-240MB-1, 437798-001, 437352-001, 437351-001, 437797-001, ZZIH_DNC_18305
- **Output Wattage:** 240 Watts
- **Form Factor:** ATX
- **Compatible Devices:** Personal Computer (specifically dc7800, dc7900 series)
- **Connector Type:** ATX (24-pin main connector)
- **Cooling Method:** Air
- **Maximum Input Voltage:** 240 Volts
- **Minimum Input Voltage:** 230 Volts AC
- **System Bus Connector Type:** 2 Pin (referring to specific auxiliary connectors)

WARRANTY INFORMATION

This product is covered by a standard manufacturer's warranty. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided at the time of purchase or contact the seller directly. The typical return policy allows for returns within 30 days of purchase.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or the

manufacturer's customer support. Provide your product model number (ZZIH_DNC_18305) and proof of purchase when seeking support.

