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Power4Laptops 1610012B

Power4Laptops Desktop PC Power Supply AC Adapter - Instruction Manual

Model: 1610012B

1. Introduction

This instruction manual provides essential information for the safe and effective use of your Power4Laptops Desktop PC Power Supply AC Adapter. This adapter is designed to provide reliable power to your compatible HP Pavilion 27-ca1757nz desktop PC. It features built-in overvoltage and overcurrent protection circuits to safeguard your equipment. Please read this manual thoroughly before installation and operation, and retain it for future reference.

2. Safety Information

WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage.

- Use only with compatible devices as specified.
- Do not expose the adapter to water, rain, or excessive moisture.
- Do not open or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the power outlet is easily accessible and unplug the adapter during electrical storms or when unused for long periods.
- Avoid placing the adapter in areas with poor ventilation or near heat sources.
- Do not use if the adapter or cable is damaged.
- Keep out of reach of children.

3. Package Contents

Verify that all items are present in your package:

- Power4Laptops Desktop PC Power Supply AC Adapter (Model: 1610012B)
- AC Power Cord (may vary by region)



Image 1: Power4Laptops Desktop PC Power Supply AC Adapter. This image shows the main power adapter unit with its attached DC output cable and connector.

4. Setup Instructions

1. **Connect the AC Power Cord:** Take the AC power cord and plug one end into the AC input port on the Power4Laptops adapter. Ensure it is firmly seated.
2. **Connect to Desktop PC:** Locate the power input port on your HP Pavilion 27-ca1757nz desktop PC. Insert the DC output connector (7.4mm X 5.0mm with HP Centre Pin) from the Power4Laptops adapter into this port. Ensure a secure connection.
3. **Connect to Wall Outlet:** Plug the other end of the AC power cord into a standard, grounded electrical wall outlet.
4. **Verify Power:** Your desktop PC should now receive power. Look for any power indicator lights on your PC or the adapter itself to confirm the connection.

5. Operating the Power Adapter

Once properly connected, the Power4Laptops AC adapter will automatically supply power to your HP Pavilion desktop PC. No further user interaction is typically required for basic operation.

- The adapter is designed for continuous operation.
- It provides a stable 19V output at 9.5A, suitable for your compatible HP system.
- The built-in overvoltage and overcurrent protection circuits will activate in the event of a power surge, protecting your desktop PC by sacrificing the adapter.

6. Maintenance and Care

To ensure the longevity and optimal performance of your power adapter, follow these guidelines:

- **Cleaning:** Disconnect the adapter from the power outlet and your PC before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly winding the cables.
- **Cable Management:** Do not bend, pinch, or place heavy objects on the power cables. Inspect cables regularly for any signs of wear or damage.
- **Ventilation:** Ensure the adapter has adequate ventilation. Do not cover it or place it in an enclosed space during operation, as this can lead to overheating.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No power to PC	Adapter not plugged in, faulty outlet, damaged cable/adapter.	◦ Ensure all connections are secure. ◦ Test the wall outlet with another device. ◦ Inspect cables for damage. If damaged, discontinue use and replace.
Adapter is hot to touch	Normal operation, poor ventilation, excessive load.	◦ Slight warmth is normal. ◦ Ensure adapter is in a well-ventilated area. ◦ If excessively hot, disconnect and allow to cool. Ensure it's not covered.
PC not recognizing adapter	Incorrect adapter, loose connection, PC issue.	◦ Verify the adapter is the correct model for your PC. ◦ Ensure the DC connector is fully inserted into the PC's power port. ◦ Restart your PC.

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

8. Specifications

- **Brand:** Power4Laptops
- **Model Number:** 1610012B
- **Compatibility:** HP Pavilion 27-ca1757nz (and other compatible models)
- **Input:** AC 100-240V, 50/60Hz (Standard worldwide input)
- **Output Voltage:** 19V
- **Output Amperage:** 9.5A
- **Wattage:** 180W
- **Plug Size:** 7.4mm X 5.0mm (HP Centre Pin)
- **Safety Features:** Overvoltage Protection, Overcurrent Protection

- **Certifications:** CE Certified (for safe use in the EU), Electrical Safety Tested in the UK
- **Item Weight:** Approximately 2.24 pounds (1014 Grams)

9. Warranty and Support

Power4Laptops products are manufactured to high standards and undergo rigorous quality control. For information regarding warranty coverage, technical support, or to purchase replacement parts, please refer to the contact information provided with your purchase or visit the official Power4Laptops website.
Please have your product model number (1610012B) and purchase details ready when contacting support.

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