EMC 071-000-504

EMC 071-000-504 400W Power Supply User Manual

Model: 071-000-504 | Brand: EMC

1. Introduction

This manual provides essential information for the safe and efficient use of the EMC 071-000-504 400W Power Supply. It is designed for enterprise IT hardware environments and is not intended for use in standard PC or laptop systems. Please read this manual thoroughly before installation and operation.

2. Safety Information

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

- Ensure the power supply is disconnected from the power source before installation or maintenance.
- This unit is designed for specific enterprise IT hardware. Do not attempt to install it in consumer-grade PCs or laptops.
- Only qualified personnel should perform installation and servicing.
- Do not expose the power supply to moisture or extreme temperatures.
- Verify correct voltage and current ratings before connecting to a power source.

3. Package Contents

Verify that all items are present and undamaged upon opening the package:

- EMC 071-000-504 400W Power Supply Unit
- (Optional) Documentation or mounting hardware (if applicable, not specified in product data)



Figure 3.1: Front view of the EMC 071-000-504 400W Power Supply, showing the main chassis and connectors.

4. Setup and Installation

Follow these steps to properly install the power supply:

1. **Preparation:** Ensure the host system is powered off and disconnected from all power sources. Allow sufficient time for any residual power to dissipate.
2. **Locate Bay:** Identify the designated power supply bay within your enterprise IT hardware system.
3. **Insert Power Supply:** Carefully slide the EMC 071-000-504 power supply into the bay until it is fully seated. Ensure the connectors align correctly.
4. **Secure Unit:** Use any provided screws or locking mechanisms to secure the power supply firmly in place.
5. **Connect Power:** Once secured, connect the appropriate power cables to the power supply and the system.
6. **Verify Connections:** Double-check all connections to ensure they are snug and correct.



Figure 4.1: Side view of the power supply, illustrating its form factor for proper bay insertion.

5. Operating Instructions

After successful installation, the power supply operates automatically as part of the system's power management. No direct user interaction is typically required for its operation.

- **Power On:** Once the system is connected to a power source and the power supply is installed, power on the host system according to its manufacturer's instructions.
- **Status Indicators:** Observe any status LEDs on the power supply or the host system that indicate proper operation. Refer to your system's documentation for LED interpretations.
- **Hot-Swap (if applicable):** If your system supports hot-swappable power supplies, ensure you follow the system manufacturer's procedure for hot-swapping to avoid system disruption.



Figure 5.1: Rear view of the power supply, showing the power input and system connectors.

6. Maintenance

The EMC 071-000-504 power supply is designed for minimal maintenance. However, periodic checks can help ensure longevity and reliable performance:

- **Dust Removal:** Periodically inspect the air vents and fan areas for dust accumulation. If necessary, gently clean with compressed air, ensuring the system is powered off and disconnected.
- **Environmental Conditions:** Ensure the operating environment remains within the recommended temperature and humidity ranges to prevent overheating or moisture damage.
- **Cable Integrity:** Routinely check power cables and internal connections for any signs of wear, fraying, or loose connections.



Figure 6.1: Angled view of the power supply, highlighting the ventilation grilles for maintenance inspection.

7. Troubleshooting

If you encounter issues with the power supply, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Power supply not turning on.	Loose power cable; System not powered on; Faulty power supply.	Ensure all power cables are securely connected. Verify the host system is powered on. If issues persist, the power supply may need replacement.
System instability or unexpected shutdowns.	Insufficient power; Overheating; Failing power supply.	Check system power requirements. Ensure adequate ventilation. Monitor system temperatures. Consider replacing the power supply if other components are ruled out.
Unusual noises from the power supply.	Fan obstruction; Failing fan; Internal component issue.	Power off and disconnect the system. Inspect fan for obstructions. If noise persists, the power supply may require professional inspection or replacement.

For complex issues or if troubleshooting steps do not resolve the problem, contact EMC technical support or a qualified service technician.

8. Specifications

Feature	Detail
Brand	EMC
Model Name	071-000-504 (rohs)
Output Wattage	400 Watts
Item Weight	8.82 Pounds (4.0 kg)
Compatible Devices	Enterprise IT Hardware (Not for standard Laptop/Personal Computer)

Feature	Detail
ASIN	B00FKE4D8Q
Date First Available	December 26, 2013

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your original system or contact EMC directly. Specific warranty terms may vary based on region and purchase agreement.
For further assistance, visit the official EMC support website or contact their customer service department.

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