

Fujitsu S26113-F574-L10

Fujitsu 800W Hot-Plug Redundant Power Supply Instruction Manual

Model: S26113-F574-L10

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Fujitsu 800W Hot-Plug Redundant Power Supply. This power supply unit (PSU) is designed for use with Fujitsu PRIMERGY RX200 S7, RX300 S7, RX350 S7, TX200 S7, and TX300 S7 servers, offering reliable and redundant power delivery.

The Fujitsu Platinum Modular 800W power supply features a nominal power of 800 W and supports AC input voltages from 100 to 240 V at frequencies of 50-60 Hz. Its 80 PLUS Platinum certification ensures high energy efficiency.



Figure 1: Fujitsu 800W Hot-Plug Redundant Power Supply. This image shows the front view of the power supply unit, highlighting its modular design and connectors.

2. SETUP AND INSTALLATION

2.1 Safety Precautions

- Ensure the server is powered off and disconnected from the main power source before installation or removal.

- Always handle the power supply unit by its casing, avoiding contact with internal components.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to sensitive components.
- Refer to your server's specific documentation for detailed chassis access and component handling procedures.

2.2 Installation Procedure (Hot-Plug)

1. **Identify the Bay:** Locate the empty power supply bay in your Fujitsu PRIMERGY server. If replacing an existing unit, ensure the faulty unit is identified.
2. **Remove Filler Panel (if applicable):** If an empty bay is covered by a filler panel, gently remove it according to your server's instructions.
3. **Insert PSU:** Align the new Fujitsu 800W Hot-Plug Redundant Power Supply with the bay. Slide the unit firmly into the bay until it clicks into place and the latch engages.
4. **Connect Power Cable:** Connect the appropriate AC power cable to the power supply unit and then to a grounded power outlet.
5. **Verify Operation:** Observe the indicator lights on the power supply unit. A green or amber light typically indicates proper operation or standby. Refer to the server's manual for specific indicator meanings.

Note: This power supply supports hot-plug functionality, meaning it can be installed or removed while the server is running, provided another operational power supply is present to maintain redundancy. Always follow server-specific procedures for hot-plug operations.

3. OPERATION

The Fujitsu 800W Hot-Plug Redundant Power Supply is designed to provide continuous and reliable power to your server. In a redundant configuration (with two or more PSUs), if one power supply fails, the other unit(s) will automatically take over the full load, ensuring uninterrupted server operation.

3.1 Power Indicators

Most server power supplies include LED indicators to show their status:

- **Green/Solid:** Indicates normal operation and power output.
- **Amber/Flashing:** May indicate a fault, warning, or standby mode. Consult your server's documentation for specific error codes or patterns.
- **Off:** Indicates no power input or a complete unit failure.

Ensure that all power cables are securely connected and that the server's power distribution unit (PDU) or wall outlet is supplying power.

4. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your power supply and server system.

- **Dust Removal:** Periodically inspect the server and power supply for dust accumulation. Use compressed air to gently clean vents and fan areas to ensure proper airflow and cooling. Ensure the server is powered off and unplugged before cleaning.
- **Cable Inspection:** Check all power cables for secure connections and signs of wear or damage. Replace any damaged cables immediately.
- **Environmental Conditions:** Ensure the server operates within recommended temperature and humidity ranges to prevent overheating and component stress.
- **Hot-Swap Replacement:** In case of a power supply failure in a redundant configuration, the faulty unit can be hot-swapped. Follow the server's documentation for the safe removal and replacement of hot-plug components.

5. TROUBLESHOOTING

If you encounter issues with your power supply, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Power supply indicator light is off.	No power input, faulty cable, or unit failure.	Check if the power cable is securely connected to both the PSU and the power outlet. Test the power outlet with another device. Try a different power cable. If in a redundant configuration, check the status of the other PSU. If the issue persists, the PSU may be faulty and require replacement.
Power supply indicator light is amber/flashing.	Warning, fault, or standby mode.	Consult your server's manual for specific meanings of amber/flashing indicators. Ensure proper ventilation around the server to prevent overheating. If the server is operating normally despite the amber light, it might indicate a non-critical warning. If the server is experiencing issues, consider replacing the PSU.
Server not powering on.	Multiple possible causes, including PSU failure.	Verify all power supplies are correctly installed and connected. Check server's internal power connections. If multiple PSUs are installed, try powering on with only one at a time to isolate the issue. If the server still does not power on, other components (e.g., motherboard) might be at fault.

For more complex issues, refer to your server's comprehensive troubleshooting guide or contact Fujitsu technical support.

6. SPECIFICATIONS

The following table details the technical specifications for the Fujitsu 800W Hot-Plug Redundant Power Supply (Model S26113-F574-L10):

Feature	Detail
Manufacturer	FUJITSU
Model Name	Platinum Modular 800W
Model Number	S26113-F574-L10
Part Number	S26113-F574-L10, S26113F574L10
Output Power	800 Watts
Form Factor	ATX
AC Input Voltage	100 - 240 Volts (AC)
AC Input Frequency	50 - 60 Hz
80 PLUS Certification	80 PLUS Platinum
Cooling Method	Air

Feature	Detail
Compatible Devices	Server (PRIMERGY RX200 S7, RX300 S7, RX350 S7, TX200 S7, TX300 S7)
Connector Type	ATX, 20+4 pin
Item Dimensions (L x W x H)	30 x 25 x 15 centimeters
Item Weight	3.2 Pounds (approx. 1.45 kg)

7. WARRANTY AND SUPPORT

7.1 Return Policy

The product is subject to a 30-day refund/replacement return policy from the date of purchase. Please retain your proof of purchase for any return claims.

7.2 Technical Support

For technical assistance, warranty claims, or further inquiries regarding your Fujitsu 800W Hot-Plug Redundant Power Supply, please contact Fujitsu customer support or your authorized reseller. Have your product model number (S26113-F574-L10) and purchase information ready when contacting support. You can find contact information for Fujitsu support on their official website: www.fujitsu.com/global/support/

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

