

Westell 585-200076 / MT12-4120100-A1

Westell Power Supply User Manual

Models: 585-200076 / MT12-4120100-A1 for F90-6100

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Westell Power Supply, models 585-200076 and MT12-4120100-A1. This power supply is designed to provide 12V 1A power to compatible devices, such as the F90-6100. Please read this manual thoroughly before operating the device and retain it for future reference.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent electric shock, fire, or damage to the power supply and connected equipment:

- Ensure the power supply is connected to a grounded outlet.
- Do not expose the power supply to water or excessive moisture.
- Avoid using the power supply in extreme temperatures or direct sunlight.
- Do not attempt to open or modify the power supply. There are no user-serviceable parts inside.
- Disconnect the power supply from the outlet before cleaning or if it will be unused for an extended period.
- Use only with devices that match the specified voltage and current requirements (12V, 1A).

3. PRODUCT OVERVIEW

The Westell Power Supply is a compact AC-to-DC adapter designed for reliable power delivery. It features built-in surge protection for over-voltage, temperature, and short-circuit conditions, ensuring the safety of your connected devices.



Figure 3.1: Westell Power Supply. This image shows the main power adapter unit with its integrated two-prong plug and the attached DC output cable terminating in a barrel connector.

Key Features:

- **Input Voltage:** 100-240VAC, 50-60Hz (Universal AC input)
- **Output:** 12V DC, 1A (1000mA)
- **Protection:** Smart device surge protection for over-voltage, over-temperature, and short-circuit conditions.
- **Durability:** Constructed for heavy-duty and long-term performance.

4. SETUP

Follow these steps to set up your Westell Power Supply:

1. **Inspect the Power Supply:** Before connecting, visually inspect the power supply and its cables for any signs of damage. Do not use if damaged.
2. **Connect to Device:** Insert the barrel connector of the power supply's output cable into the DC input port of your compatible device (e.g., Westell F90-6100). Ensure a secure fit.

UpBright AC Adapter Power Supply Compatible with:



Figure 4.1: Barrel Connector. This image shows a close-up of the DC barrel connector, which plugs into the compatible electronic device.

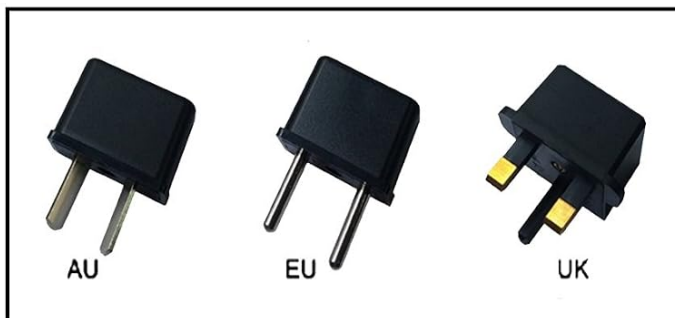
3. **Connect to Power Outlet:** Plug the power supply's AC prongs into a standard electrical wall outlet (100-240VAC).
4. **Verify Power:** Once connected, your device should receive power. Check for any power indicator lights on your device.

5. OPERATING INSTRUCTIONS

The Westell Power Supply operates automatically once connected. It converts AC wall power to the required 12V DC for your device. No user interaction is required during operation.

- Ensure the power supply is always plugged into a functional electrical outlet.
- Do not overload the power supply by connecting it to devices that require more than 1A of current.
- If using internationally, ensure you have the correct regional adapter for the AC prongs.

Come With A Suitable Outlet Adapter (Only One) to Fit
Your Country/Area For International Order



THIS PRODUCT COMES WITH A UPBRIGHT®

LIMITED WARRANTY CERTIFICATE
+ UPBRIGHT® LIMITED WARRANTY



Figure 5.1: International Plug Adapters. This image displays examples of different regional plug adapters (AU, EU, UK) that may be used with the power supply for international compatibility.

6. MAINTENANCE

The Westell Power Supply requires minimal maintenance:

- **Cleaning:** Disconnect the power supply from the wall outlet and the device. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the power supply in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or kinking the power cable excessively, as this can damage the internal wires.

7. TROUBLESHOOTING

If you encounter issues with your Westell Power Supply, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to device	Power supply not plugged in; outlet not working; faulty cable connection; device issue	Ensure power supply is securely plugged into a working outlet. Check device's power input. Try a different outlet.
Device not charging/functioning correctly	Incorrect voltage/current; damaged power supply; device fault	Verify device requires 12V 1A. Inspect power supply for damage. If issues persist, consult device manual or contact support.
Power supply is hot	Normal operation; poor ventilation; overload	Some warmth is normal. Ensure adequate ventilation around the power supply. Disconnect if excessively hot and allow to cool. Ensure device requirements do not exceed 1A.

If troubleshooting steps do not resolve the issue, discontinue use and contact customer support.

8. SPECIFICATIONS

Specification	Detail
Model Numbers	585-200076 / MT12-4120100-A1
Brand	Westell
Input Voltage	100-240VAC
Input Frequency	50-60Hz
Output Voltage	12V DC
Output Current	1A (1000mA)
Connector Type	Barrel Connector
Special Feature	Short Circuit Protection, Over Voltage Protection, Over Temperature Protection
Main Power Connector Type	2 Pin (US standard, may require adapter for other regions)
Date First Available	September 30, 2010

9. WARRANTY AND SUPPORT

This product may come with a limited warranty. Please refer to any warranty documentation included with your purchase for specific terms and conditions. For technical support or warranty claims, please contact the retailer or manufacturer directly.

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