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› [Facmogu](#) /

› Facmogu 9W 9V/1A Power Supply Adapter (Model AL-0910) Instruction Manual

Facmogu AL-0910

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Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective use of your Facmogu 9W 9V/1A Power Supply Adapter, Model AL-0910. Please read these instructions carefully before use and retain them for future reference.



Image: The Facmogu 9W 9V/1A Power Supply Adapter, showing the main unit and DC output cable.

IMPORTANT SAFETY INFORMATION

- **Compatibility:** This adapter is designed for 9V DC equipment with a maximum current draw of 1A (1000mA) and a maximum power of 9W. Connecting devices exceeding these specifications may cause improper operation or damage.
- **Polarity:** This power supply features a **Center Positive (+)** polarity. It is *not* compatible with devices requiring a center negative (-) power supply, such as many guitar pedals or keyboards. Verify your device's polarity before connecting.
- **Indoor Use Only:** This adapter is intended for indoor use in dry locations. Do not expose to water, moisture, or high humidity.
- **Ventilation:** Ensure adequate ventilation around the adapter during operation. Do not cover it or place it in enclosed spaces.
- **Damage:** Do not use the adapter if the casing or cable is damaged. Contact support for assistance.
- **Children:** Keep out of reach of children.

PRODUCT FEATURES

- **Universal Input:** AC 100-240V, 50/60Hz for worldwide compatibility.

- **Stable Output:** Provides a regulated 9V DC, 1A (1000mA) output.
- **Dual Plug Compatibility:** Fits both 5.5x2.5mm and 5.5x2.1mm DC input jacks due to an inner center spring contact.
- **Safety Protections:** Built-in over-voltage, over-current, and over-temperature protection.
- **Compact Design:** Small and lightweight for portability.



Image: Diagram illustrating the over-voltage, over-current, over-charge, and over-temperature protection features of the adapter.

SETUP

1. **Verify Device Requirements:** Before connecting, confirm that your electronic device requires a 9V DC power input, a maximum current of 1A, and has a center positive (+) polarity. Also, ensure the DC input jack is either 5.5x2.5mm or 5.5x2.1mm.
2. **Connect to Device:** Insert the DC barrel connector of the power adapter into the power input jack of your electronic device.
3. **Plug into Outlet:** Plug the AC prongs of the power adapter into a standard AC 100-240V wall outlet.
4. **Power On:** Turn on your electronic device. The adapter should provide power immediately.

DC 5.5x2.5mm Plug

But it's also compatible with DC 5.5x2.1mm socket with the inner center spring contact.

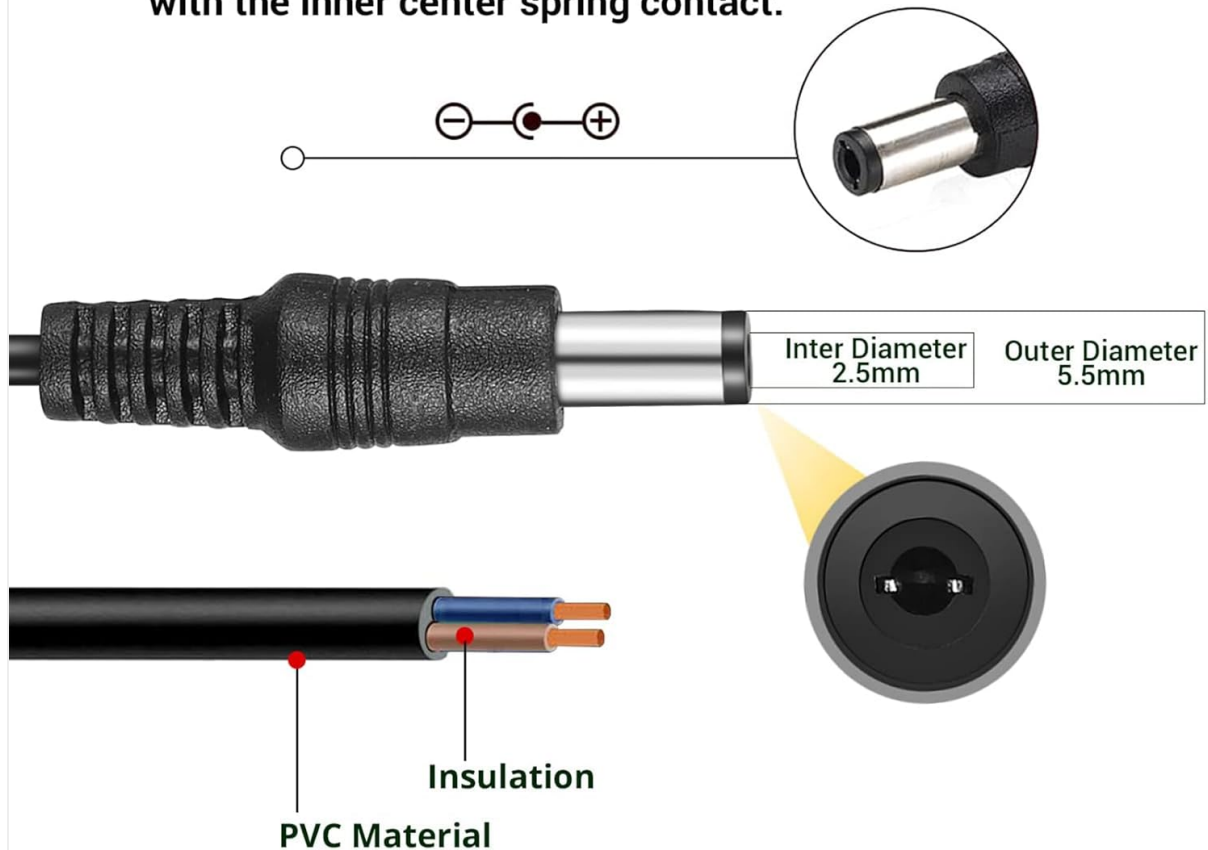


Image: Close-up view of the DC plug, showing its 5.5mm outer diameter and 2.5mm inner diameter, and compatibility with 5.5x2.1mm sockets.

OPERATING INSTRUCTIONS

Once connected and plugged in, the Facmogu 9W 9V/1A Power Supply Adapter operates automatically to provide stable power to your compatible device. No further user interaction is required for its basic function.

- Ensure the adapter is securely plugged into both the wall outlet and your device.
- Avoid bending or crimping the power cord excessively.
- Unplug the adapter from the wall outlet when not in use for extended periods.

COMPATIBILITY

This adapter is suitable for a variety of 9V DC, center positive devices that draw 1A or less. Common applications include:

- Toy cars
- CCTV Cameras
- Routers
- Modems
- Clocks
- Printers

- LED Lights
- Cordless Phones
- Set-Top Boxes
- Wireless Devices
- POS Machines
- Arduino projects

Note: This adapter is *not* suitable for devices that require more than 1A current or have a center negative polarity, such as many audio pedals or electronic keyboards.

AC 100-240V TO DC 9W 9V/1A POWER SUPPLY ADAPTER



Image: Visual representation of various devices compatible with the Facmogu power adapter, including LED strip lights, case fans, CCTV cameras, routers, Arduino projects, and LED module lights.

MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and device before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping the cable too tightly around the adapter body.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as cuts, fraying, or exposed wires. If damage is found, discontinue use immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	<ul style="list-style-type: none">Incorrect voltage or current requirements for the device.Incorrect polarity (device requires center negative).Loose connection.Damaged adapter or cable.Device itself is faulty.	<ul style="list-style-type: none">Verify device specifications (9V DC, max 1A, center positive).Check device manual for correct polarity.Ensure all connections are secure.Inspect adapter and cable for damage. If damaged, replace.Test the device with another known-good power source if available.
Adapter feels excessively hot.	<ul style="list-style-type: none">Overloaded (device draws too much current).Poor ventilation.	<ul style="list-style-type: none">Disconnect immediately. Verify device current draw is 1A or less.Ensure the adapter is in an open area with good airflow.
Intermittent power to device.	<ul style="list-style-type: none">Loose connection.Damaged cable or connector.	<ul style="list-style-type: none">Check and secure all connections.Inspect cable and connector for damage. Replace if necessary.

SPECIFICATIONS

Model Number	AL-0910
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 9V
Output Current	1A (1000mA)
Output Wattage	9W
DC Plug Polarity	Center Positive (+)
DC Plug Size	5.5x2.5mm (compatible with 5.5x2.1mm)
Cable Length	92.5 cm (3.03 feet)
Color	Black
Material	Plastic
Protections	Over-voltage, Over-current, Over-temperature



Image: Diagram showing the physical dimensions of the Facmogu power adapter and its cable length.

WARRANTY AND SUPPORT

Facmogu provides a one-year warranty for this product. If you encounter any issues or have questions regarding your 9W 9V/1A Power Supply Adapter, please do not hesitate to contact our customer support. For assistance, refer to the contact information provided with your purchase or visit the official Facmogu website.