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› Meiyue 12 Volt 6 Amp Power Supply Adapter Instruction Manual

Meiyue 12V 6A

12 Volt 6 Amp Power Supply Adapter Instruction Manual

Brand: Meiyue | Model: 12V 6A

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Meiyue 12 Volt 6 Amp Power Supply Adapter. This AC/DC adapter is designed to convert standard AC input voltage (100V-240V) to a stable 12V DC output, suitable for a wide range of electronic devices requiring up to 6 Amps of current. Please read this manual thoroughly before operation.



Image: The Meiyue 12 Volt 6 Amp Power Supply Adapter, showing the main unit, detachable AC power cord, and a DC barrel connector with screw terminals.

2. PRODUCT FEATURES

- **Universal Input Voltage:** Operates with AC 100V-240V, 50/60Hz input, making it suitable for international use.
- **Stable DC Output:** Provides a consistent 12V DC output with a maximum current of 6 Amps (72 Watts).
- **Broad Compatibility:** Features a 5.5mm x 2.5mm output jack, compatible with 5.5mm x 2.1mm devices. Suitable for LED strip lights, routers, security cameras, printers, and other 12V devices requiring up to 6A.
- **Safety Protections:** Equipped with automatic overload cut-off, over voltage cut-off, over current cut-off, overheating protection, and short circuit protection.
- **Voltage Consistency:** Designed to maintain stable voltage during power on, transmission, reception, and power off, protecting connected electronic products.
- **Durable Construction:** Features all copper nickel plated bushes and an anti-interference magnetic ring for stable power



Short circuit
protection



Electromagnetic
wave protection



Overcurrent
protection



Over temperature
protection



Quality
microchip



High fire
performance



Over voltage
protection



24 hours service

MULTIPLE PROTECTION SAFTER CHARGING



Image: An illustration highlighting the multiple protection features of the power supply, including short circuit, electromagnetic wave, overcurrent, over temperature, quality microchip, high fire performance, and over voltage protection.

Meiyue

POWER SUPPLY
12V6A 72W

- ✓ Over-discharge protection
- ✓ Over-voltage protection
- ✓ Over-current protection
- ✓ Over-temperature protection
- ✓ Over-power protection
- ✓ Short-circuit protection
- ✓ Grounded protection
- ✓ Electromagnetic wave protection



Image: The Meiyue 12V 6A 72W power supply unit, accompanied by a list of its comprehensive protection features such as over-discharge, over-voltage, over-current, over-temperature, over-power, short-circuit, grounded, and electromagnetic wave protection.

3. SETUP AND CONNECTION

Before connecting the power supply, ensure your device requires a 12V DC input and its current draw does not exceed 6 Amps. Verify the DC input port of your device is compatible with a 5.5mm outer diameter and 2.1mm or 2.5mm inner diameter, with a positive inner core polarity.

Connection Steps:

- 1. Verify Device Compatibility:** Check the specifications label on your device. It must require 12V DC power. The maximum current draw of your device should be 6A or less (e.g., 1A, 2A, 3A, 5A).
- 2. Check DC Jack Size:** Confirm your device's power input port has an outer diameter of 5.5mm and an inner diameter of 2.1mm or 2.5mm. The inner core polarity should be positive (+).
- 3. Connect DC Output:** Plug the DC output barrel connector of the power supply into your device's DC input port.
- 4. Connect AC Input:** Insert the included US standard 3-pin power cable into the AC input receptacle on the power supply unit.
- 5. Plug into Wall Outlet:** Plug the other end of the AC power cable into a standard AC 100V-240V wall outlet.

2 WAYS FOR CONNECTION

Connected to the 5.5mm x 2.1mm port.



US-Stecker

Connected to the LED Barrel Connector.

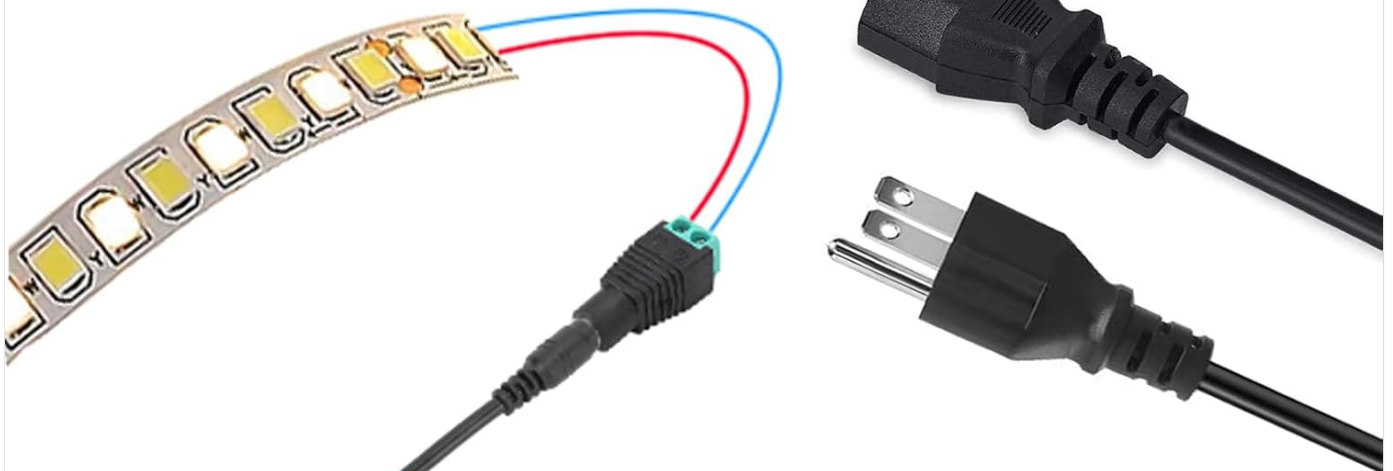


Image: A visual guide demonstrating two connection methods: directly to a 5.5mm x 2.1mm port, and via an LED barrel connector for LED strip lights, illustrating the versatility of the power supply.

4. OPERATION

Once properly connected, the power supply will automatically provide stable 12V DC power to your device. There are no user-adjustable settings on the adapter itself.

Usage Guidelines:

- Ensure the power supply is placed in a well-ventilated area to prevent overheating.
- Do not expose the power supply to water or excessive humidity.
- Avoid placing heavy objects on the power supply or its cables.
- Disconnect the power supply from the wall outlet when not in use for extended periods.

WIDELY APPLICATION



Printer



Wireless Router



CCTV Camera



Audio/
Video Player



DVR/NVR
Recorder



LED Strip Light



Proven
electronics
Components



Mature
power
scheme



Strong
heat
dissipation



Multiple
protection
functions

Image: An infographic illustrating the wide range of applications for the 12V 6A power supply, including printers, wireless routers, CCTV cameras, audio/video players, DVR/NVR recorders, and LED strip lights.

5. MAINTENANCE

The Meiyue 12V 6A Power Supply Adapter requires minimal maintenance. Following these guidelines will help ensure its longevity and reliable performance:

- **Cleaning:** Disconnect the power supply from all power sources and devices before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** Store the power supply in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or crimping the power cables excessively. Do not pull on the cables to disconnect the adapter from the outlet or device; always grasp the plug itself.
- **Inspection:** Periodically inspect the power supply unit and cables for any signs of damage, such as frayed wires, cracks, or

unusual bulges. If damage is observed, discontinue use immediately.

6. TROUBLESHOOTING

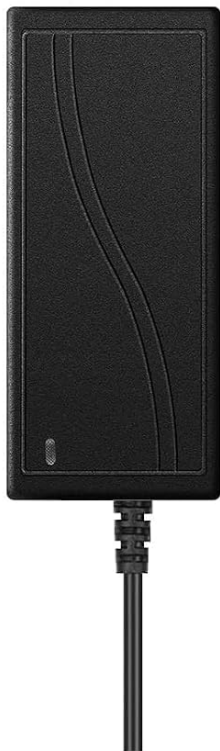
If you encounter issues with your power supply, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not powering on.	Incorrect voltage or current rating for the device. Loose connection. Device malfunction.	Verify your device requires 12V DC and its current draw is 6A or less. Ensure all connections (AC plug, DC barrel) are secure. Test the device with another compatible power source if available.
Power supply feels hot.	Overload or insufficient ventilation.	Ensure the connected device's current draw does not exceed 6A. Place the power supply in a well-ventilated area, away from heat sources. Disconnect and allow to cool if excessively hot.
Sparks or circuit breaker trips upon plugging in.	Internal short circuit or faulty wiring.	Immediately unplug the power supply. Do not attempt to use it. Contact customer support for assistance. This indicates a serious safety issue.
Intermittent power to device.	Loose connection or damaged cable.	Check all connections. Inspect the AC and DC cables for any visible damage. Replace damaged cables if necessary.

7. SPECIFICATIONS

Parameter	Value
Input Voltage	AC 100V-240V, 50/60Hz
Output Voltage	DC 12V
Output Current	6 Amps (Max)
Output Wattage	72 Watts (Max)
DC Connector Size	5.5mm x 2.5mm (compatible with 5.5mm x 2.1mm)
AC Cord Length	3.94 ft (1.2 m)
Product Dimensions	1.18 x 1.97 x 1.18 inches (approx. 3 x 5 x 3 cm)
Item Weight	12 ounces (approx. 0.34 kg)
Safety Certifications	CE, FCC

PRODUCT PARAMETERS



Product Name:	AC/DC Power Adapter
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Brand:	Meiyue
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Input:	AC 100V~240V 50/60Hz
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Output Voltage:	DC 12V
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Output Current:	6A Max
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Output Wattage:	72W Max
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DC Connector:	5.5MM*2.5MM/ 5.5MM*2.1MM
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60

60 Days
Refund

12

12 Months
Exchange

24

24 Hours
for Reply

1

1 Email Solve
All Issues

Image: A detailed table outlining the product parameters, including product name, brand, input voltage, output voltage, output current, output wattage, and DC connector size.

PRODUCT SIZE



Image: A diagram illustrating the physical dimensions of the power supply unit and its cables, including the main unit's length, width, and height, and the total cable length.

8. WARRANTY AND SUPPORT

Meiyue is committed to customer satisfaction. If you have any questions or encounter issues with your 12 Volt 6 Amp Power Supply Adapter, please do not hesitate to contact us. We aim to reply within 24 hours and will take full responsibility for any product quality problems.

Customer Service: Refer to your purchase platform or product packaging for specific contact details.

Warranty: Information regarding warranty period and terms can be found on the product listing or by contacting customer 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