

## Meiyue new 24V 6A Power Supply

# Meiyue 24V 6A 144W DC Power Supply Instruction Manual

Model: new 24V 6A Power Supply

## 1. INTRODUCTION

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This instruction manual provides essential information for the safe and efficient use of your Meiyue 24V 6A 144W DC Power Supply. Please read this manual thoroughly before operating the device and retain it for future reference.

## 2. SAFETY INFORMATION

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Observe the following safety precautions to prevent damage to the device or personal injury:

- **Indoor Use Only:** This power supply is designed for indoor use. Do not expose it to water, moisture, or high humidity.
- **Proper Voltage:** Ensure the input voltage (AC 100-240V) matches your local power supply.
- **Overload Protection:** Do not exceed the maximum output of 24V 6A (144W). Overloading can cause damage and fire hazards.
- **Ventilation:** Ensure adequate ventilation around the power supply to prevent overheating. Do not cover the unit.
- **Connection:** Always connect the power supply to the device before plugging it into the AC outlet. Disconnect from the AC outlet before disconnecting from the device.
- **Damage:** Do not use the power supply if the cord or plug is damaged. Contact support for replacement.
- **Disassembly:** Do not attempt to open or repair the power supply. This voids the warranty and poses a safety risk.

The power supply includes built-in safety features such as over-voltage protection, over-current protection, short circuit protection, and automatic thermal cut-off to ensure safe operation.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Meiyue 24V 6A DC Power Supply
- 1 x US Plug Power Cord
- 1 x LED DC Connector (Terminal Block Adapter)



Image: The Meiyue 24V 6A 144W DC Power Supply, showing the main adapter unit, the detachable AC power cord with a US plug, and the green LED DC connector.

## 4. PRODUCT OVERVIEW AND FEATURES

The Meiyue 24V 6A 144W DC Power Supply is an AC to DC adapter designed for various 24V devices. It features a robust design with multiple protection mechanisms.



Image: Detailed view of the power supply showing its dimensions (13.5cm/5.31in length, 6cm/2.36in width, 3.4cm/1.34in height) and the DC output plug (5.5mm outer diameter, 2.5mm inner diameter, compatible with 2.1mm). The total cable length is approximately 222.5cm/87.6in.

### Key Features:

- **Universal Input:** AC 100-240V, 50/60Hz.
- **Stable Output:** DC 24V, 6A (144W Max).
- **Dual DC Connector Compatibility:** Output plug is 5.5mm x 2.5mm, compatible with 5.5mm x 2.1mm DC jacks.
- **Safety Protections:** Includes short circuit protection, over-current protection, over-voltage protection, and automatic thermal cut-off.
- **Durable Construction:** Features a strong one-piece casting plug and quality copper power cord.

# COMPATIBLE WITH 24V 6A DEVICES



CCTV Camera



Printer



Wireless Router



DVR/NVR Recorder



LED Strip Light



Audio/ Video Player



Proven electronics Components



Mature power scheme



Strong heat dissipation



Multiple protection functions

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

## 5. SPECIFICATIONS

# PRODUCT PARAMETERS



**Product Name:** AC/DC Power Adapter

**Brand:** Meiyue

**Input:** AC 100V~240V 50/60Hz

**Output Voltage:** DC 24V

**Output Current:** 6A Max

**Output Wattage:** 144W Max

**DC Connector:** 5.5MM\*2.5MM/  
5.5MM\*2.1MM

**60**

**60 Days  
Refund**

**12**

**12 Months  
Exchange**

**24**

**24 Hours  
for Reply**

**1**

**1 Email Solve  
All Issues**

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

Parameter	Value
Product Name	AC/DC Power Adapter
Brand	Meiyue
Input Voltage	AC 100V-240V, 50/60Hz
Output Voltage	DC 24V
Output Current	6A Max
Output Wattage	144W Max
DC Connector	5.5mm x 2.5mm (compatible with 5.5mm x 2.1mm)

Item Weight	13.1 ounces
Package Dimensions	8.03 x 4.02 x 1.61 inches
Special Feature	Short Circuit Protection

## 6. SETUP

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Follow these steps to set up your Meiyue 24V DC Power Supply:

1. **Identify Device Requirements:** Ensure your device requires a 24V DC input and its current draw does not exceed 6A (144W).
2. **Connect DC Output:**
  - **For devices with a 5.5mm x 2.1mm or 5.5mm x 2.5mm DC jack:** Plug the DC output connector of the power supply directly into your device's DC input port.
  - **For devices requiring bare wire connection (e.g., some LED strips):** Use the included LED DC Connector (terminal block adapter). Connect the positive (+) and negative (-) wires from your device to the corresponding terminals on the adapter. Then, plug the adapter into the power supply's DC output.
3. **Connect AC Input:** Plug the US power cord into the AC input port of the power supply.
4. **Plug into Wall Outlet:** Insert the US plug of the power cord into a standard AC 100-240V wall outlet.
5. **Verify Operation:** Once connected, your device should power on or indicate power reception.



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 demonstrating two connection methods: directly to a 5.5mm x 2.1mm port (e.g., LED strip) and using the LED Barrel Connector for bare wire connections.

## 7. OPERATING INSTRUCTIONS

The Meiyue 24V 6A 144W DC Power Supply operates automatically once connected to a power source and a compatible device. No user intervention is typically required for its basic function.

- Ensure all connections are secure before applying power.
- The power supply will convert AC input to a stable 24V DC output for your connected device.
- Disconnect the power supply from the wall outlet when not in use for extended periods.

## 8. COMPATIBILITY

This 24V 6A power supply is compatible with a wide range of 24V DC devices that require up to 6 Amps of current. Common applications include:

- 24V LED Strip Lights (e.g., 5050, 3528)
- CCTV Security Cameras

- Printers
- LCD Monitors
- 3D Printers
- Switches
- LED Drivers
- Car Subwoofer Amplifiers
- Audio Amplifiers
- Massage Guns and Equipment
- Electric Pianos
- CD Players
- Vinyl Machines
- Humidifiers
- Wireless Routers
- ADSL Cats
- ITX DC Power Systems
- Webcam Routers
- Audio/Video Player Power Supply

Always verify the voltage and current requirements of your device before connecting the power supply.

Strong one-piece casting plug  
Super quality copper power cord  
5.5mm x 2.5mm universal  
DC port Exquisite workmanship  
It is also compatible with  
5.5mm x 2.1mm interfaces.



## PRODUCT DETAILS



Image: A visual representation of various devices compatible with the 24V 6A power supply, including CCTV cameras, printers, wireless routers, DVR/NVR recorders, LED strip lights, and audio/video players.

### 9. MAINTENANCE

The Meiyue 24V 6A 144W DC Power Supply requires minimal maintenance:

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the power supply. Do not use liquid cleaners or solvents.
- **Storage:** Store the power supply in a cool, dry place when not in use.
- **Inspection:** Periodically inspect the power cord and connectors for any signs of damage or wear.

### 10. TROUBLESHOOTING

If you encounter issues with your power supply, refer to the following common problems and solutions:

- **No Power Output:**
  - Ensure the power supply is securely plugged into a working AC outlet.
  - Check all DC connections to the device.
  - Verify that the connected device is functioning correctly and not drawing excessive current.
  - Test the AC outlet with another device to confirm it has power.

- **Unstable Output / Device Malfunction:**

- Ensure the device's power requirements (voltage and current) are within the power supply's specifications (24V, max 6A).
- Check for loose connections.
- If the power supply feels excessively hot, disconnect it immediately and allow it to cool. Ensure adequate ventilation.

- **Loud Noise During Operation:**

- While this upgraded version is designed to minimize noise, if unusual loud noises occur, disconnect the power supply and contact support.

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

## 11. WARRANTY AND SUPPORT

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Meiyue is committed to providing quality products and customer satisfaction. If you experience any product damage during transportation or encounter quality problems, please contact us for assistance or a replacement.

- **Support:** For any inquiries or issues, please reach out to Meiyue customer service.
- **Replacement Policy:** We offer replacements for products with damage or quality issues.