

Wefomey WFM-1018-72

Wefomey Universal Power Supply 3V-24V 3A 72W Adjustable AC/DC Adapter Instruction Manual

Model: WFM-1018-72

1. PRODUCT OVERVIEW

The Wefomey Universal Power Supply is a versatile AC/DC adapter designed to provide adjustable voltage output from 3V to 24V with a maximum current of 3A and a total power output of 72W. It is compatible with a wide range of small household electronics and features an LED voltage display for precise control. This adapter comes with 14 interchangeable DC tips, a reverse polarity converter, and an alligator clip test lead to ensure compatibility with various devices.

72W Adjustable Power Adapter



Figure 1: Wefomey 72W Adjustable Power Adapter. This image shows the main unit of the power supply with its LED voltage display and adjustable voltage dial, indicating its range from 3V to 24V.

2. PRODUCT FEATURES

- **Adjustable Output:** Provides DC output voltage from 3V to 24V, with a maximum current of 3A and a total power of 72W. Suitable for appliances requiring voltage within this range and power up to 72W.
- **Versatile DC Tips:** Includes 14 different DC tips (6.5x4.4mm+Pin, 5.5x2.1mm, 5.5x3.0mm+Pin, 5.0x2.5mm, 6.3x3.0mm, 5.5x1.7mm, 4.8x1.7mm, 4.0x1.7mm, 3.5x1.35mm, 3.0x1.1mm, 2.5x0.7mm, Micro-USB, Type-C, and DC terminal connector) for broad compatibility.
- **Safety Protection:** Built-in multiple safety systems including automatic over voltage cut-off, over current cut-off, over temperature cut-off, and short circuit cut-off. Designed for safe operation without noise, explosion, or fire hazards.
- **LED Voltage Display:** An integrated LCD display shows the current output voltage, allowing for accurate voltage selection and preventing damage to connected devices.
- **Extended Cable Length:** Features a 6ft long power cable for convenient use.
- **Additional Accessories:** Comes with a reverse polarity converter and an alligator clip test lead for enhanced utility.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Wefomey 3~24V 3A Universal AC/DC Adapter
- 14 x DC Tips (various sizes and types)
- 1 x Reverse Polarity Converter
- 1 x Alligator Clip Test Lead
- 1 x Male DC Power Pigtail Cable

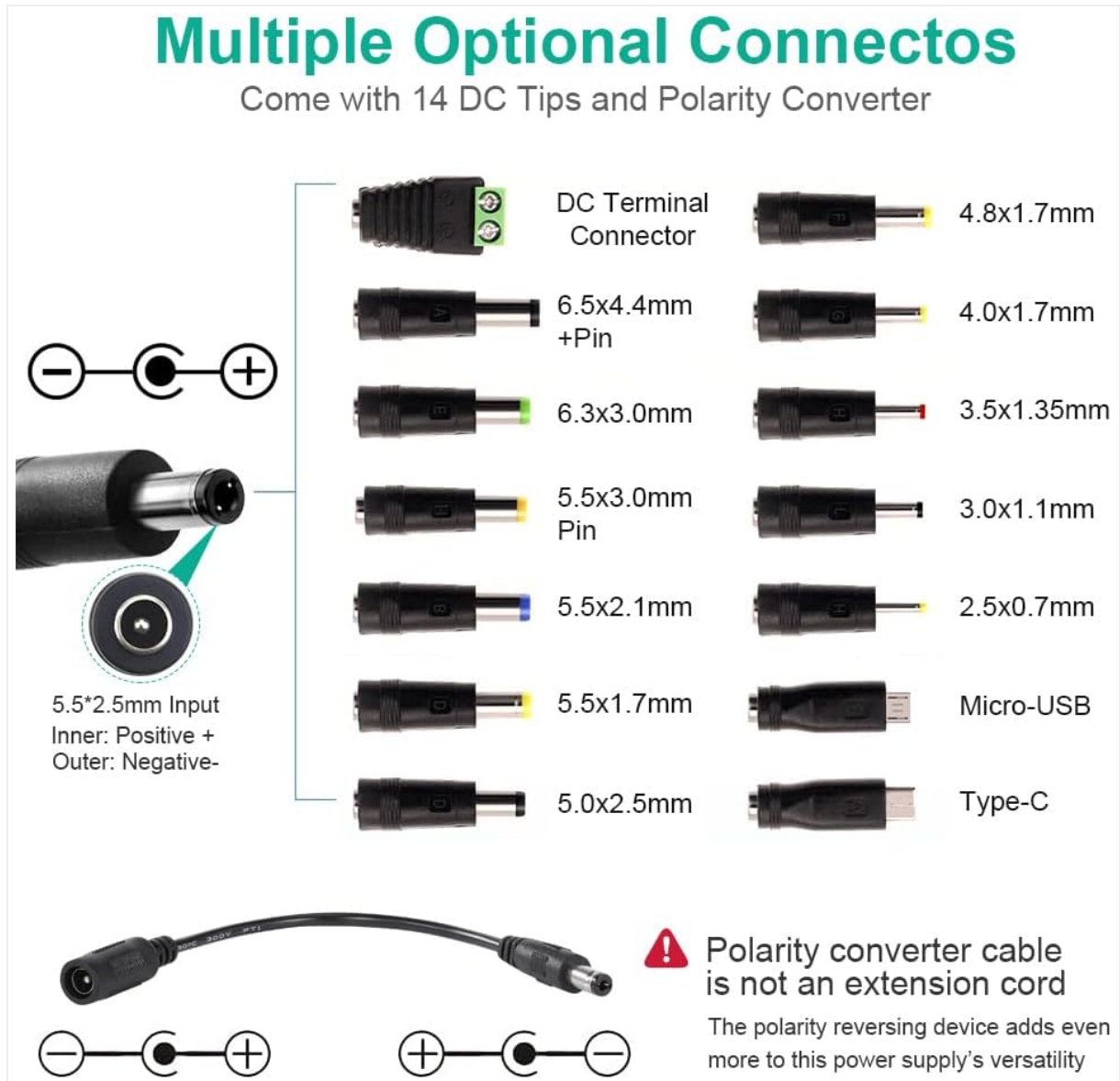


Figure 2: Multiple Optional Connectors. This image displays the 14 DC tips and the polarity converter included with the power supply, highlighting their various sizes and types.



Figure 3: Alligator Clip Test Lead. This image shows the red and black alligator clips and their connection to a DC barrel jack, useful for testing or connecting to bare wires.

4. SETUP INSTRUCTIONS

1. **Identify Device Voltage and Polarity:** Before connecting the power supply, determine the required voltage and polarity of your device. This information is usually found on the device itself, its original power adapter, or in its user manual. The power supply's LED display will show the output voltage.
2. **Select Correct DC Tip:** Choose the appropriate DC tip from the 14 provided that fits your device's power input port. Ensure a snug fit.
3. **Adjust Voltage:** With the power supply unplugged from the wall outlet and not connected to your device, rotate the "CHANGE" dial to set the desired output voltage. The LED display will show the selected voltage.
4. **Check Polarity (if necessary):** Most devices use center-positive polarity. If your device requires center-negative polarity, use the included reverse polarity converter cable. Connect the converter between the power supply's output cable and the selected DC tip.
5. **Connect to Device:** Once the voltage is set and polarity is confirmed, connect the chosen DC tip (with or without the polarity converter) to your device's power input.
6. **Plug into Wall Outlet:** Finally, plug the power supply into a standard AC 100-240V, 50/60Hz wall outlet.

Important: Always set the correct voltage and confirm polarity before connecting to your device. Incorrect voltage or polarity can cause irreversible damage to your electronic equipment.

5. OPERATING INSTRUCTIONS

After completing the setup, the Wefomey Universal Power Supply is ready for operation.

1. **Power On:** Once plugged into the wall, the LED display will illuminate, showing the set output voltage. Your connected device should now receive power.
2. **Voltage Adjustment:** If you need to change the voltage for a different device, first unplug the power supply from the wall and disconnect it from the device. Then, repeat steps 3-6 from the "Setup Instructions" section.
3. **Using Alligator Clip Test Lead:** For custom connections or testing, attach the alligator clip test lead to the power supply's output. Ensure proper positive (red) and negative (black) connections to your circuit or device.

It is recommended to use the power supply at less than 80% of its full load capacity (72W) for optimal performance and longevity.

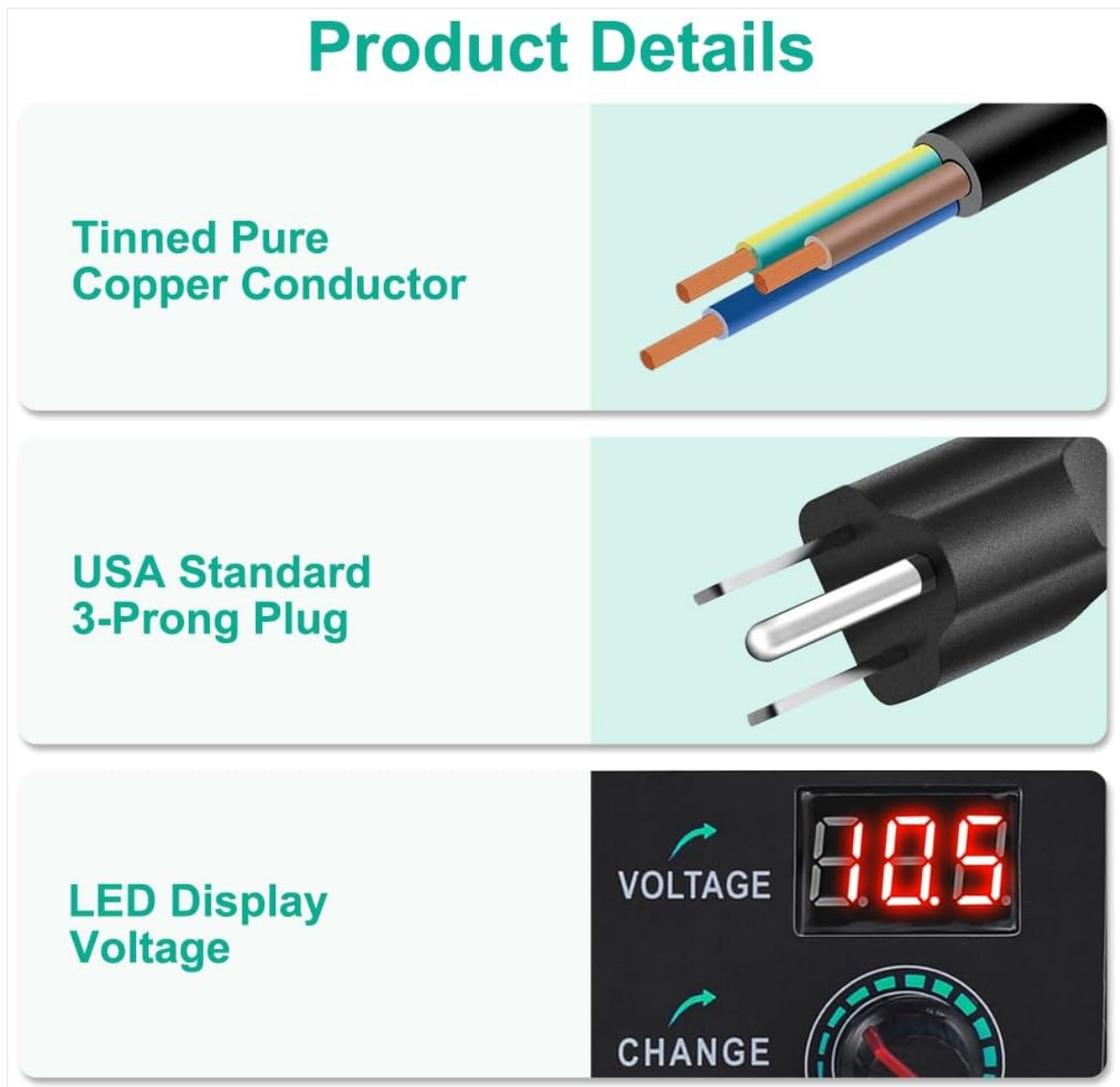


Figure 4: Product Details. This image highlights the tinned pure copper conductor, the USA standard 3-prong plug, and the LED display for voltage indication.

6. SAFETY INFORMATION

The Wefomey Universal Power Supply incorporates several safety features to protect both the device and connected electronics. Adhere to the following safety guidelines:

- This product is designed for indoor use only. Do not expose to water, moisture, or high humidity.
- Ensure the input voltage of your device matches the output voltage set on the adapter.
- Verify correct polarity before connecting to avoid damage.
- Do not attempt to disassemble or modify the power supply.
- Keep out of reach of children.
- Do not operate if the power supply or cables are damaged.
- Avoid overloading the adapter beyond its 72W maximum capacity.



Figure 5: Built-in Safety Protection. This image illustrates the comprehensive safety features integrated into the power supply, including protection against over voltage, over current, short circuits, over temperature, and surges, along with an anti-interference magnetic ring.

7. MAINTENANCE

To ensure the longevity and proper functioning of your Wefomey Universal Power Supply, follow these maintenance guidelines:

- Keep the power supply clean and free from dust. Use a soft, dry cloth for cleaning.
- Store the adapter in a cool, dry place when not in use.
- Avoid bending or crimping the power cable excessively.
- Regularly inspect the cables and connectors for any signs of wear or damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power output / LED display off	Power supply not plugged in; wall outlet not active; internal fault.	Ensure the power supply is securely plugged into a live wall outlet. Test the outlet with another device. If the issue persists, contact support.
Device not powering on	Incorrect voltage setting; incorrect DC tip; incorrect polarity; device fault.	Verify the voltage setting on the LED display matches your device's requirement. Ensure the correct DC tip is used and securely connected. Check the polarity; use the reverse polarity converter if needed. Test your device with its original power supply if available.
Power supply gets hot	Overload; poor ventilation.	Ensure the connected device's power requirement does not exceed 72W. Provide adequate ventilation around the power supply. If overheating persists, disconnect immediately and contact support.

9. SPECIFICATIONS

- **Model Number:** WFM-1018-72
- **Input:** AC 100-240V, 50/60Hz
- **Output:** DC 3-24V Adjustable, Max 3A 72W
- **Product Dimensions:** 5.8 x 2.36 x 1.38 inches
- **Item Weight:** 12.6 ounces
- **Connector Type:** 2.1mm Barrel Connector (main output)
- **Special Features:** LED Voltage Display, Reverse Polarity Converter, Alligator Clip Test Lead
- **Color:** Black
- **Manufacturer:** Dong Guan Shi He Yu Technology Co., Ltd.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the seller or manufacturer directly through the platform where the product was purchased. Provide your order number and a detailed description of the issue for prompt assistance.