

COOLM YU0504

COOLM 5V 4A Power Supply Adapter Instruction Manual

Model: YU0504

1. INTRODUCTION

Thank you for choosing the COOLM 5V 4A Power Supply Adapter. This adapter is designed to provide a stable and reliable 5V DC power source for a wide range of electronic devices. It features advanced safety protections to ensure the longevity of both the adapter and your connected equipment. Please read this manual thoroughly before use to ensure proper operation and safety.

2. PRODUCT OVERVIEW

The COOLM 5V 4A Power Supply Adapter converts AC input voltage (100-240V) to a stable 5V DC output with a maximum current of 4A (20W). It is equipped with a 5.5mm x 2.5mm DC output plug, which is also compatible with 5.5mm x 2.1mm plugs.

Package Contents:

- 1 x DC 5V 4A Power Supply Adapter
- 1 x AC Power Cord

Key Features:

- **Universal Input:** AC 100-240V, 50/60Hz for worldwide compatibility.
- **Stable Output:** DC 5V 4A (20W Max) for consistent power delivery.
- **Broad Compatibility:** Suitable for devices requiring 5V power, including Atomic Pi, Jetson Nano, USB Hubs, WeBoost 850012, WeBoost Connect RV 65, Odroid XU4 / XU4Q, and various 5V electronic products with 5.5mm x 2.5mm or 5.5mm x 2.1mm barrel plugs.
- **Advanced Safety Protections:** Features a third-generation smart IC chip with short circuit protection, overload protection, and over voltage protection.
- **Durable Construction:** Made with ABS fireproof material and includes an efficient anti-interference

magnetic ring.



Image: The COOLM 5V 4A Power Supply Adapter shown with its detachable AC power cord.





Image: Detailed view of the adapter's back label, displaying input/output specifications and various safety certifications.



Positive Polarity



Make sure the 5.5mm*2.5mm adapter could fit your devices



5.5*2.5 DC Port/Fit with 5.5*2.1 interface also

Image: Illustration of the DC plug's positive center polarity and its dimensions (5.5mm x 2.5mm), compatible with 5.5mm x 2.1mm.

ABS Fireproof
Material



Efficient Anti-interference
Magnetic Ring

Image: A close-up highlighting the ABS fireproof casing and the efficient anti-interference magnetic ring on the cable.

Safety & Multi-Protect



Over-Current
Protection



Over-Temp
Protection



Over-Voltage
Protection



Short Circuit
Protection



- ★ Reinforce Outer Shell
- ★ 3-Pins Power Connector
- ★ Plug And Play, Easy To Use

Image: Visual representation of the adapter's safety features, including over-current, over-temperature, over-voltage, and short circuit protection.

3. SETUP

1. **Unpack:** Carefully remove the power supply adapter and AC power cord from the packaging.
2. **Connect AC Cord:** Insert the 3-pin end of the AC power cord firmly into the input receptacle on the power supply adapter.
3. **Verify Compatibility:** Ensure your device requires a 5V DC input and that its power port is compatible with a 5.5mm x 2.5mm or 5.5mm x 2.1mm barrel plug. Check the polarity of your device (center positive) to match the adapter.
4. **Connect to Device:** Plug the DC output barrel connector of the adapter into the power input port of your electronic device.
5. **Connect to Power Outlet:** Plug the AC power cord into a standard wall outlet (100-240V AC).
6. **Power On:** Your device should now receive power.

4. OPERATING INSTRUCTIONS

The COOLM 5V 4A Power Supply Adapter is designed for continuous operation within its specified limits. Once connected, it will provide a stable 5V DC output to your device.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Do not cover the adapter during operation.
- The adapter is designed to replace power supplies with amperage ratings less than 4A (e.g., 2A, 2.5A, 3A, 3.5A) as amperage is not forced. This means it will only supply the current required by the device, up to its maximum of 4A.

5. MAINTENANCE

To ensure optimal performance and longevity of your power supply adapter, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the cables excessively, especially near the connectors, to prevent internal wire damage.

6. TROUBLESHOOTING

If you encounter issues with your COOLM 5V 4A Power Supply Adapter, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power output from adapter.	Loose connection, faulty outlet, or adapter failure.	Ensure AC cord is fully inserted into adapter and wall outlet. Test the outlet with another device. If still no power, the adapter may be faulty.
Device not powering on.	Incorrect voltage/amperage, incompatible plug size, or device issue.	Verify your device requires 5V DC and that the barrel plug (5.5mm x 2.5mm or 5.5mm x 2.1mm) fits securely. Check device's power requirements.
Adapter feels hot.	Normal operation under load, or insufficient ventilation.	A slight warmth is normal. Ensure the adapter is in a well-ventilated area and not covered. If it's excessively hot, disconnect immediately and contact support.

Problem	Possible Cause	Solution
Device flickering or unstable.	Insufficient power for the device, or faulty connection.	Ensure your device's current draw does not exceed 4A. Check all connections for looseness.

7. SPECIFICATIONS

Specification	Value
Model Number	YU0504
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 5V
Output Current	4A Max
Output Power	20W Max
DC Plug Polarity	Center Positive (+)
DC Output Plug Size	5.5mm x 2.5mm (Compatible with 5.5mm x 2.1mm)
DC Cable Length	Approx. 3.6 FT / 110 cm
AC Power Cord Length	Approx. 3.9 FT / 120 cm
Certifications	CE / FCC Certified
Item Weight	12.6 ounces
Package Dimensions	6.93 x 4.84 x 1.73 inches
Mounting Type	Wall Mount

8. WARRANTY AND SUPPORT

COOLM is committed to providing quality power products. For any questions, concerns, or technical support regarding your 5V 4A Power Supply Adapter, please contact our customer service. Please retain your proof of purchase for warranty claims.

For the most up-to-date warranty information and support contacts, please refer to the official COOLM website or the retailer from whom you purchased the product.

