

5V 2A

Power Adapter User Manual

1. INTRODUCTION

The TwinPa 5V 2A Power Adapter is a versatile AC/DC wall plug charger designed to provide stable 5V power to a wide range of electronic devices. This adapter comes with five interchangeable DC tips, expanding its compatibility for various applications such as TV boxes, security cameras, baby monitors, Raspberry Pi, electrical toys, routers, and modems. It is engineered with safety features including over-voltage, over-current, and over-temperature protection to safeguard your devices.



Image: The TwinPa 5V 2A Power Adapter, showing the main adapter unit, attached cable, and the five included interchangeable DC tips.

2. WHAT'S IN THE BOX

- 1 x TwinPa 5V 2A Power Adapter
- 5 x Interchangeable DC Tips (5.5x1.7mm, 4.0x1.7mm, 3.5x1.35mm, 3.0x1.1mm, 2.5x0.7mm)

3. SETUP

1. **Verify Device Compatibility:** Before connecting, ensure your electronic device requires a 5V DC input and its current draw is 2A or less (e.g., 5V 2A, 1.8A, 1.6A, 1.5A, 1000mA, 800mA, 600mA, 500mA, 400mA, 300mA, 100mA). The total power consumption of your device should not exceed 10W. Connecting a device that exceeds 2A may result in improper operation or damage.

2. **Select the Correct DC Tip:** Identify the correct size and type of DC plug required by your device. The adapter includes five common tip sizes: 5.5x1.7mm, 4.0x1.7mm, 3.5x1.35mm, 3.0x1.1mm, and 2.5x0.7mm.
3. **Attach the DC Tip:** Firmly push the selected DC tip onto the adapter's output connector. Ensure it is securely seated.
4. **Connect to Device:** Insert the attached DC tip into the power input port of your electronic device.
5. **Plug into Power Outlet:** Plug the AC prongs of the power adapter into a standard AC 100-240V wall outlet.



Image: A visual guide illustrating the five different DC tip sizes included with the adapter and a diagram indicating the positive and negative polarity of the connector.

4. OPERATING INSTRUCTIONS

Once properly connected, the TwinPa 5V 2A Power Adapter will supply power to your device. There are no additional controls or settings on the adapter itself. Operation is automatic upon connection to a compatible device and a power outlet.

5. MAINTENANCE

- Keep the adapter and its tips clean and dry.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to open or repair the adapter. Refer servicing to qualified personnel.
- Store the adapter and tips in a cool, dry place when not in use.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	<ul style="list-style-type: none">• Incorrect DC tip selected.• Device requires more than 2A current.• Loose connection.• Power outlet issue.	<ul style="list-style-type: none">• Ensure the correct DC tip is used and securely attached.• Verify your device's current requirement is 2A or less. This adapter is not for high-power devices.• Check all connections are firm.• Test the power outlet with another device.
Adapter making a buzzing noise.	<ul style="list-style-type: none">• Overload or incompatible device.• Internal component issue.	<ul style="list-style-type: none">• Immediately disconnect the adapter. Ensure the connected device's power requirements are within the adapter's specifications (5V, max 2A).• If the issue persists with compatible devices, discontinue use and contact customer support.
Adapter feels excessively hot.	<ul style="list-style-type: none">• Overload.• Poor ventilation.	<ul style="list-style-type: none">• Disconnect the adapter. Verify device compatibility.• Ensure the adapter is in a well-ventilated area and not covered.

7. SPECIFICATIONS

Feature	Detail
Model	0520 (JCY-SHK-0520)
Input	AC 100-240V; 0.3A; 50/60Hz
Output	DC 5V 2A (Max 10W)
Cable Length	92 cm (3 feet)
DC Plug Compatibility	5.5x2.5mm & 5.5x2.1mm (native)
Included DC Tips	5.5x1.7mm, 4.0x1.7mm, 3.5x1.35mm, 3.0x1.1mm, 2.5x0.7mm
Material	Plastic
Color	Black
Storage Condition	-40°C to 60°C
Working Environment	-10°C to 40°C
Item Weight	3.2 ounces
Manufacturer	NL International Co.,Ltd





Image: A detailed view of the adapter's specification label, displaying the model number (JCY-SHK-0520), input voltage (AC 100-240V), and output voltage/current (DC 5V 2A).

8. SAFETY INFORMATION

- **Voltage and Current Compatibility:** Always ensure the adapter's output voltage (5V) and maximum current (2A) match or exceed the requirements of your device. Do not use with devices requiring more than 2A or a different voltage.
- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme outdoor conditions.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover it or place it in an enclosed space that could lead to overheating.
- **Handle with Care:** Avoid dropping, striking, or subjecting the adapter to strong impacts. Do not pull the cable forcefully when unplugging.
- **Children and Pets:** Keep the adapter and its components out of reach of children and pets.
- **Discontinue Use If Damaged:** If the adapter, cable, or any tips appear damaged, or if it emits unusual sounds or smells, immediately unplug it and discontinue use.

9. WARRANTY AND SUPPORT
