

Waysse 0510

Waysse 5V 1A AC/DC Power Adapter Instruction Manual

Model: 0510

1. PRODUCT OVERVIEW

The Waysse 5V 1A AC/DC Power Adapter is a versatile power supply designed to provide stable 5V DC power to a wide range of electronic devices. Its compact design and multiple safety features make it suitable for various household and office electronics.



Brand: Waysse

Product Name:
AC/DC Power Adapter

Input:
AC 100V-240V 50/60Hz

Output Voltage:
5V

Output Current:
1A MAX

Output Wattage:
5W MAX

Jack Size:
5.5mm x 2.5mm or 5.5mm *2.1mm

Figure 1: Waysse 5V 1A AC/DC Power Adapter with key specifications including input, output, wattage, and jack size.

Key Features:

- **Universal Compatibility:** Suitable for most 5V devices with current less than 1A.
- **Wide Input Voltage:** 100-240V AC input, 50/60Hz.
- **Stable Output:** DC 5V 1Amp output.
- **Compact & Portable:** Lightweight design for easy travel and everyday use.
- **Multi-Protection:** Built-in over-current, over-voltage, overload, and short-circuit protection.

2. IMPORTANT COMPATIBILITY INFORMATION

To ensure proper function and prevent damage to your devices, carefully review the following compatibility guidelines before use:

Three Steps Before Buying



Figure 2: Visual guide for checking device voltage, original adapter specifications, and required voltage/current before purchasing.

Voltage and Current Requirements:

- The adapter provides a **5V DC output**. Ensure your device requires exactly 5V.
- The maximum output current is **1 Amp (1000mA)**. This adapter is suitable for devices requiring current *less than or equal to* 1A (e.g., 200mA, 500mA, 800mA, 1000mA).
- **Do not use with devices requiring more than 5V or more than 1A.** Overloading the adapter can cause damage to both the adapter and your device.
- It is recommended to use the adapter at less than 80% of its full load capacity for optimal performance and longevity.

Connector Size:

- This adapter is compatible with devices requiring a **5.5mm x 2.5mm DC plug**. It is also compatible with **5.5mm x 2.1mm DC plugs**.
- The polarity is **inside positive (+) and outside negative (-)**. Verify your device's polarity matches this configuration.
- Carefully measure your device's connector size to ensure it matches 5.5mm x 2.5mm or 5.5mm x 2.1mm. Other sizes like 5.0x2.5mm or 5.5x3.0mm are not compatible.

Adapter Size Details



Figure 3: Detailed view of the adapter's physical dimensions and the compatible DC plug size (5.5mm x 2.5mm, compatible with 5.5mm x 2.1mm) with polarity.

Examples of Compatible Devices:

Wide Compatibility



5V Camera



Mini Electric Fan



Routers



Hard Disk Box



Other 5V Devices



Figure 4: Illustration of various devices compatible with the 5V 1A power adapter, including cameras, mini fans, routers, and hard disk boxes.

- Portable Bluetooth speakers
- Wireless receivers
- Electrical toys
- WS2812B WS2811 LED strip lights
- Game consoles
- GPS devices
- DVRs
- CCTV cameras
- Laptop coolers
- Video baby monitors
- Mini fans
- Routers
- Kindle Fire Tablets (specific models)

3. SETUP AND OPERATION

The Waysse 5V 1A AC/DC Power Adapter is designed for simple plug-and-play operation.

Steps for Use:

1. **Verify Compatibility:** Before connecting, ensure your device meets all voltage, current, and connector size requirements as outlined in Section 2.
2. **Connect to Device:** Insert the DC connector tip of the adapter firmly into your device's power input port.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC wall outlet.
4. **Power On:** Once connected, your device should receive power. The adapter features a blue indicator light to confirm it is working.



Figure 5: The 5V 1A AC/DC adapter connected to a wall outlet and powering a mini fan, demonstrating typical usage.

Safety Features:

Multi-protection Chip



Over-current
protection

Over-voltage
protection

Overload
protection

Short-circuit
protection

Figure 6: The adapter includes a multi-protection chip for enhanced safety, guarding against over-current, over-voltage, overload, and short-circuits.

- **Over-current Protection:** Prevents damage from excessive current flow.
- **Over-voltage Protection:** Safeguards against voltage spikes.
- **Overload Protection:** Protects the adapter and device from excessive power draw.
- **Short-circuit Protection:** Automatically shuts off power in case of a short circuit.

4. DAILY MAINTENANCE TIPS

Proper maintenance ensures the longevity and safe operation of your power adapter.

- **Avoid Extreme Temperatures:** Do not store or operate the adapter in excessively hot or cold environments. High temperatures can shorten its lifespan, while cold can lead to moisture condensation and circuit damage.
- **Keep Clean:** Regularly clean the charging port of the power adapter to prevent dirt accumulation, which can cause poor contact or malfunction.
- **Handle Cables Carefully:** Avoid sharp bending angles of the power cord, especially near the adapter connection, as this can cause wire breakage.

- **Prevent Physical Damage:** Do not drop, knock, or vibrate the charger. Rough handling can damage internal circuit boards.
- **Unplug When Not in Use:** While designed for continuous operation, unplugging the adapter when not in use can contribute to its overall lifespan.

5. TROUBLESHOOTING

If you encounter issues with your power adapter, consider the following:

- **No Power to Device:**
 - Ensure the adapter is securely plugged into both the wall outlet and the device.
 - Check if the wall outlet is functional by plugging in another device.
 - Verify that the device's power requirements (voltage, current, connector size, and polarity) precisely match the adapter's specifications.
 - Inspect the adapter cable and connector for any visible damage or fraying.
- **Device Not Charging/Working Properly:**
 - Confirm that the device is not drawing more than 1A of current. Overloading can cause intermittent power or damage.
 - Clean the device's power input port and the adapter's connector to ensure good contact.
 - If using an interchangeable tip, ensure it is fully seated and the correct size for your device.
- **Adapter Overheating:**
 - Unplug the adapter immediately.
 - Ensure the device is not drawing excessive power (over 1A).
 - Ensure the adapter is in a well-ventilated area and not covered.

If troubleshooting steps do not resolve the issue, please contact customer support.

6. SPECIFICATIONS

Feature	Specification
Model	0510
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 5V
Output Current	1 Amp (1000mA) Max
Output Wattage	5W Max
Connector Type	Barrel Connector (5.5mm x 2.5mm, compatible with 5.5mm x 2.1mm)

Feature	Specification
Polarity	Center Positive (+), Outer Negative (-)
Color	Black
Dimensions	3.66 x 3.07 x 1.22 inches (approx.)
Item Weight	2.39 ounces (approx.)

7. WHAT'S IN THE BOX

- 1 x Waysse 5V 1A AC/DC Power Adapter Unit
- 1 x Set of interchangeable DC connector tips (various sizes, including 5.5x2.5mm/5.5x2.1mm)

8. WARRANTY AND SUPPORT

Your satisfaction is our priority. The Waysse 5V 1A AC/DC Power Adapter comes with the following:

- **12 Months Warranty:** Covers manufacturing defects and malfunctions under normal use.
- **Lifetime Technical Support:** Our dedicated customer support team is available to assist you with any questions or concerns regarding product compatibility, usage, or troubleshooting.
- **24-Hour Online Service:** For prompt assistance.

Please contact us before making a purchase if you are uncertain about device compatibility. Always invest in the right accessories to ensure the optimal functioning and longevity of your device.

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Video 1: An overview of the 5V 1A Power Supply, highlighting its features and benefits. This video is provided by a seller and is 15 seconds long.

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Video 2: A demonstration of a 5V 1A power adapter, showcasing its 10ft power cord and 14 plugs. This video is provided by a seller and is 23 seconds long.

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Video 3: A detailed look at the JOVNO Power Adapter, emphasizing its design and functionality. This video is provided by a seller and is 59 seconds long.

