

[Manuals.plus](#) /

› [DIGISHUO](#) /

› DIGISHUO DC 12V 100A 1200W Power Supply Adapter Transformer Switch AC 110V/220V to DC 12V 100Amp Switching Converter LED Driver for LED Strip Light | CCTV| Camera Security System| 3D Printer Instruction Manual

DIGISHUO 12V 100A

DIGISHUO DC 12V 100A 1200W Power Supply Adapter Instruction Manual

Model: 12V 100A

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the DIGISHUO DC 12V 100A 1200W Power Supply Adapter. This high-performance switching power supply is designed to convert AC 110V/220V to stable DC 12V, providing up to 100A and 1200W of power. It is suitable for a wide range of applications requiring a reliable 12V DC power source.



Image: Front view of the DIGISHUO DC 12V 100A 1200W Power Supply Adapter.

2. SAFETY INFORMATION

WARNING: High Voltage Inside! Qualified service personnel only.

- This power supply is designed for **IN-DOOR USE ONLY**. Do not expose to water, moisture, or high humidity.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Always disconnect power before making any connections or adjustments.
- **NEVER OVERLOAD** the power supply. Ensure the total current drawn by your devices does not exceed 100A. Overloading can damage the unit and connected devices.
- Proper grounding is essential for safe operation.
- Keep out of reach of children.
- If the unit is damaged or malfunctions, discontinue use immediately and seek professional assistance.

3. PRODUCT FEATURES

- **[12V 100A Power Supply]** Input: AC 110V/220V 50/60Hz Output: DC 12V Max 100A 1200W. Two output ports. Each port outputs 0~100A automatically to match your device, 100A max in total for 2 ports. The default output voltage is 12V, but it can be regulated by 5%, from 11.9V to 12.1V.
- **[Supply less than 100A such as 1A,5A,10A,20A,30A]** For example, if your device draws 7.5A, then 7.5A will be supplied. If draws more than 10A, only 10A will be supplied and power supply will be damaged soon. **NEVER OVERLOAD.**
- **[Widely Application]** Great for LED Strips, 3D Printer, ham radio transceiver, CCTV cameras, car subwoofer amp, audio amplifier, wireless router, ADSL Cats, HUB, audio/video power supply etc.
- **[Protection]** Shortage Protection, Overload Protection, Over Voltage Protection.
- **[Metal Case Protection]** Maximum protection but IN-DOOR USE ONLY!



Image: Key protection features of the power supply.

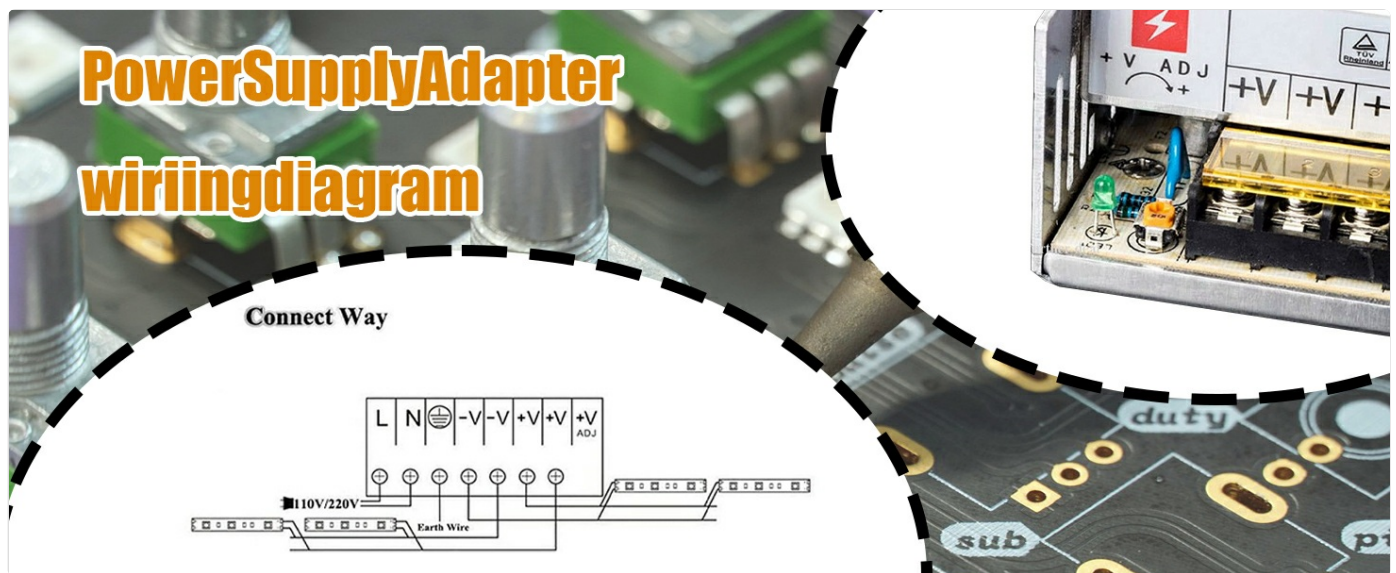


Image: Wide range of applications for the power supply.

4. PACKAGE CONTENTS

Upon opening your package, you should find the following item:

- 1 x DIGISHUO DC 12V 100A 1200W Power Supply Adapter Transformer



Image: What you will receive with your purchase.

5. SETUP

Follow these steps for safe and correct installation:

1. **Mounting:** Place the power supply in a stable, well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure the metal case is protected from external damage.
2. **Input Voltage Selection:** The power supply supports AC 110V/220V input. Verify the voltage switch (if present) is set correctly for your region's mains voltage. *Note: Some models may auto-detect or require manual selection. Refer to the label on the unit.*
3. **Wiring Connections:**
 - Connect the AC input (L, N, and Earth Wire) to your mains power supply. Ensure the Earth Wire is properly connected for safety.

- Connect your DC 12V devices to the output terminals (V+ and V-). The power supply has two output ports, each capable of supplying current up to the total maximum of 100A.
 - Ensure all connections are secure and tight to prevent loose contacts and potential hazards.
4. **Voltage Adjustment (Optional):** The output voltage can be fine-tuned by approximately 5% (from 11.9V to 12.1V) using the small adjustment screw (ADJ) located near the output terminals. Use a small screwdriver to carefully turn it.



Image: Wiring diagram for the power supply.



Image: Terminal block for wiring connections.

6. OPERATING INSTRUCTIONS

Once the power supply is correctly wired and secured:

1. Double-check all connections to ensure they are tight and correct.
2. Ensure the total current draw of your connected devices does not exceed the power supply's maximum output of 100A.
3. Apply AC power to the input terminals. The power supply should power on, and any connected devices should receive 12V DC power.
4. Monitor the performance of your devices. If any issues arise, immediately disconnect power and refer to the Troubleshooting section.

Your browser does not support the video tag.

Video: An overview of the DIGISHUO Switch Power Supply, demonstrating its manufacturing process and features.

7. MAINTENANCE

To ensure the longevity and optimal performance of your DIGISHUO Power Supply:

- **Cleaning:** Regularly clean the exterior of the power supply with a dry, soft cloth. Do not use liquid cleaners or solvents. Ensure ventilation openings are free from dust and debris.
- **Ventilation:** Always ensure adequate airflow around the unit. Do not place it in enclosed spaces or cover its ventilation holes.
- **Connection Checks:** Periodically check all wiring connections to ensure they remain secure and free from corrosion.
- **Environmental Conditions:** Operate the power supply within its specified temperature and humidity ranges. Avoid extreme conditions.
- **Professional Service:** Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No output voltage / Unit does not power on.	No AC input power. Incorrect input voltage selection (110V/220V switch). Internal fuse blown. Overload protection activated.	Check AC power source and connections. Verify the input voltage switch setting. Disconnect power, reduce load, wait a few minutes, then reconnect. If fuse is blown, seek professional repair. Reduce the connected load.
Output voltage is unstable or too low.	Overloading the power supply. Loose connections. Faulty connected device.	Reduce the total current draw. Check and tighten all input and output wiring connections. Test the power supply with a different, known-good device.
Unit is overheating.	Insufficient ventilation. Overloading.	Ensure clear airflow around the unit and that vents are not blocked. Reduce the connected load.

If the problem persists after trying these solutions, please contact DIGISHUO customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Brand	DIGISHUO
Model Number	12V 100A
Input Voltage	AC 110V/220V (50/60Hz)
Output Voltage	DC 12V (Adjustable 11.9V to 12.1V)
Max Output Current	100A

Feature	Detail
Max Output Power	1200W
Product Dimensions	7.8 x 3.86 x 1.65 inches
Item Weight	2.98 pounds
Color	Silver
Connectivity Technology	Wired
Connector Type	Terminal Block
Compatible Devices	LED Strips, 3D Printers, CCTV Cameras, Ham Radio Transceivers, Car Subwoofer Amps, Audio Amplifiers, Wireless Routers, ADSL Cats, HUBs, Audio/Video Power Supply, etc.
Special Feature	Overload, Over Voltage, Shortage Protection
Mounting Type	Wall Mount (via mounting tabs)
Indoor/Outdoor Use	Indoor Use Only

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official DIGISHUO brand store or contact their customer service directly. While specific warranty details are not provided in this manual, DIGISHUO is committed to providing high-quality electronic parts and chips.

You can visit the [DIGISHUO Store on Amazon](#) for more information and contact options.

Protection plans may be available for purchase separately to extend coverage for your product. Please check the product listing for details on available protection plans.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B08Y6869YF>

More documents and user manuals: <https://manuals.plus/>