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› [SHNITPWR 12V 10A 120W DC Power Supply Adapter \(Model SNT-1210\) Instruction Manual](#)

SHNITPWR SNT-1210

SHNITPWR 12V 10A 120W DC Power Supply Adapter (Model SNT-1210) Instruction Manual

Brand: SHNITPWR | Model: SNT-1210

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your SHNITPWR 12V 10A 120W DC Power Supply Adapter. This device is designed to convert alternating current (AC) from a standard wall outlet to direct current (DC) suitable for a wide range of electronic devices requiring 12V DC power, up to a maximum of 10 Amperes or 120 Watts.

Please read this manual thoroughly before operating the device and retain it for future reference.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing damage to the product, connected devices, and personal injury.

- This product is an AC to DC adapter, **NOT a charger**. It is not designed to charge electronic devices with batteries, such as laptops. Using it for charging may damage your device.
- To ensure optimal performance and longevity, and to prevent overheating, it is recommended that the total power consumption of connected devices does not exceed **80% of the adapter's maximum capacity (96W)**.
- Always verify that the voltage (12V), amperage (up to 10A), and polarity (center positive) requirements of your device match the adapter's output specifications before connecting. Incorrect connections can cause damage.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the adapter during operation to dissipate heat.

BUILT SAFETY PROTECTIONS

Designed with Safety in mind



Short circuit protection



Over voltage protection



Overcurrent protection



Over temperature protection



Electromagnetic wave protection



Quality microchip

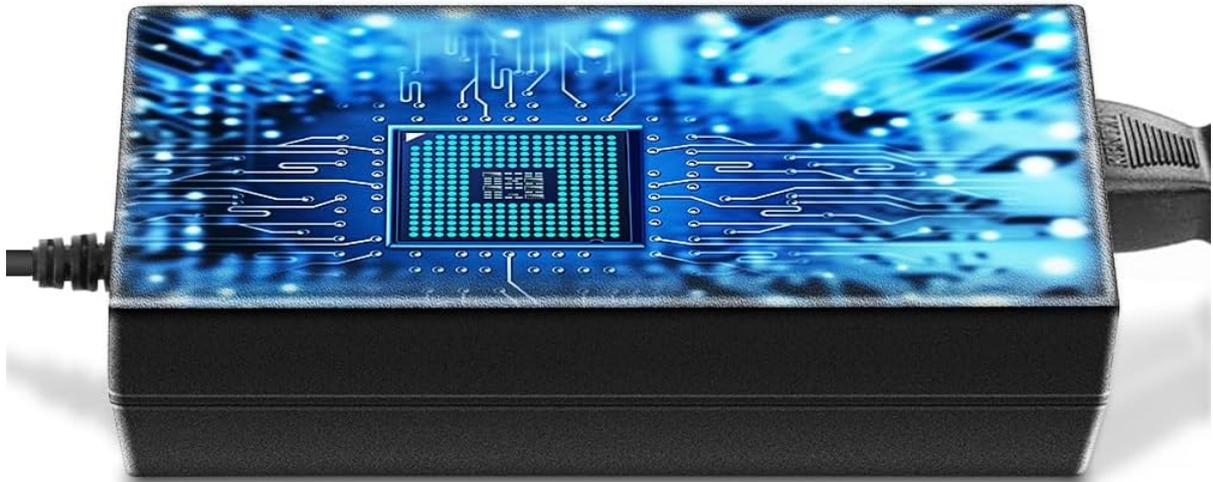


Figure 2.1: Built-in Safety Protections. This adapter incorporates multiple safety mechanisms including short circuit protection, over voltage protection, overcurrent protection, over temperature protection, electromagnetic wave protection, and a quality microchip for stable and safe operation.



Professional advice from licensed electrician:
The max use should be $\leq 80\%$ of the full loads.

Otherwise, it will get super hot and its service life will be greatly shortened.

We recommend you to use
 $12V\ 10A\ 120W$ power supply
to power devices $\leq 96W$

Figure 2.2: Recommended Load Capacity. For optimal performance and extended product life, it is advised to operate the power supply at or below 80% of its maximum rated power, which is 96W for this 120W adapter.

3. PRODUCT OVERVIEW

The SHNITPWR 12V 10A 120W DC Power Supply Adapter is a robust and reliable power solution. It features a compact design and comes with all necessary cables for immediate use.

Package Contents:

- 1x SHNITPWR 12V 10A 120W DC Power Supply Adapter Unit
- 1x AC Input Power Cable (Standard 3-prong plug)



Figure 3.1: SHNITPWR 12V 10A 120W DC Power Supply Adapter. This image displays the main power adapter unit along with its detachable AC input power cable and integrated DC output cable.

Product details



Standard 3 prong wall plug
Super quality copper power cord
5.5mm x 2.5mm universal DC port
Exquisite workmanship

Figure 3.2: Product Details. A detailed view of the adapter's connections, showing the standard 3-prong AC input socket, the robust copper power cord, and the 5.5mm x 2.5mm universal DC barrel connector.

4. SPECIFICATIONS

Feature	Specification
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 12V
Max Output Current	10A
Max Output Power	120W
DC Connector Size	5.5mm x 2.5mm (compatible with 5.5mm x 2.1mm)
Polarity	Center Positive (+)
Total Cable Length	Approximately 2.3 meters (7.6 feet)
Item Model Number	SNT-1210
Item Weight	1.1 pounds

Feature	Specification
Certifications	FCC, CE, ROHS

Product Size:



Figure 4.1: Product Dimensions. This image provides a visual representation of the adapter's physical dimensions and cable lengths for planning installation.

5. SETUP AND CONNECTION

Follow these steps to properly set up and connect your power adapter:

1. **Connect AC Input Cable:** Insert the standard 3-prong AC input power cable into the corresponding socket on the power adapter unit.
2. **Connect to Device:** Carefully plug the DC output barrel connector (5.5mm x 2.5mm) into the DC input port of your electronic device. Ensure a secure fit.
3. **Connect to Power Outlet:** Plug the AC input power cable into a standard 100-240V AC wall outlet.
4. **Verify Operation:** Once connected, your device should power on. If not, refer to the Troubleshooting section.

Important: Before connecting, always confirm that your device requires 12V DC power, draws less than 10A, and uses a 5.5mm x 2.5mm (or 5.5mm x 2.1mm) barrel connector with center positive polarity.

AC to DC Adapter/ Power Supply

OVP-Over Voltage Protection
OCP-Over Current Protection
SCP-Short Circuit Protection
OTP-Over Temperature Protection

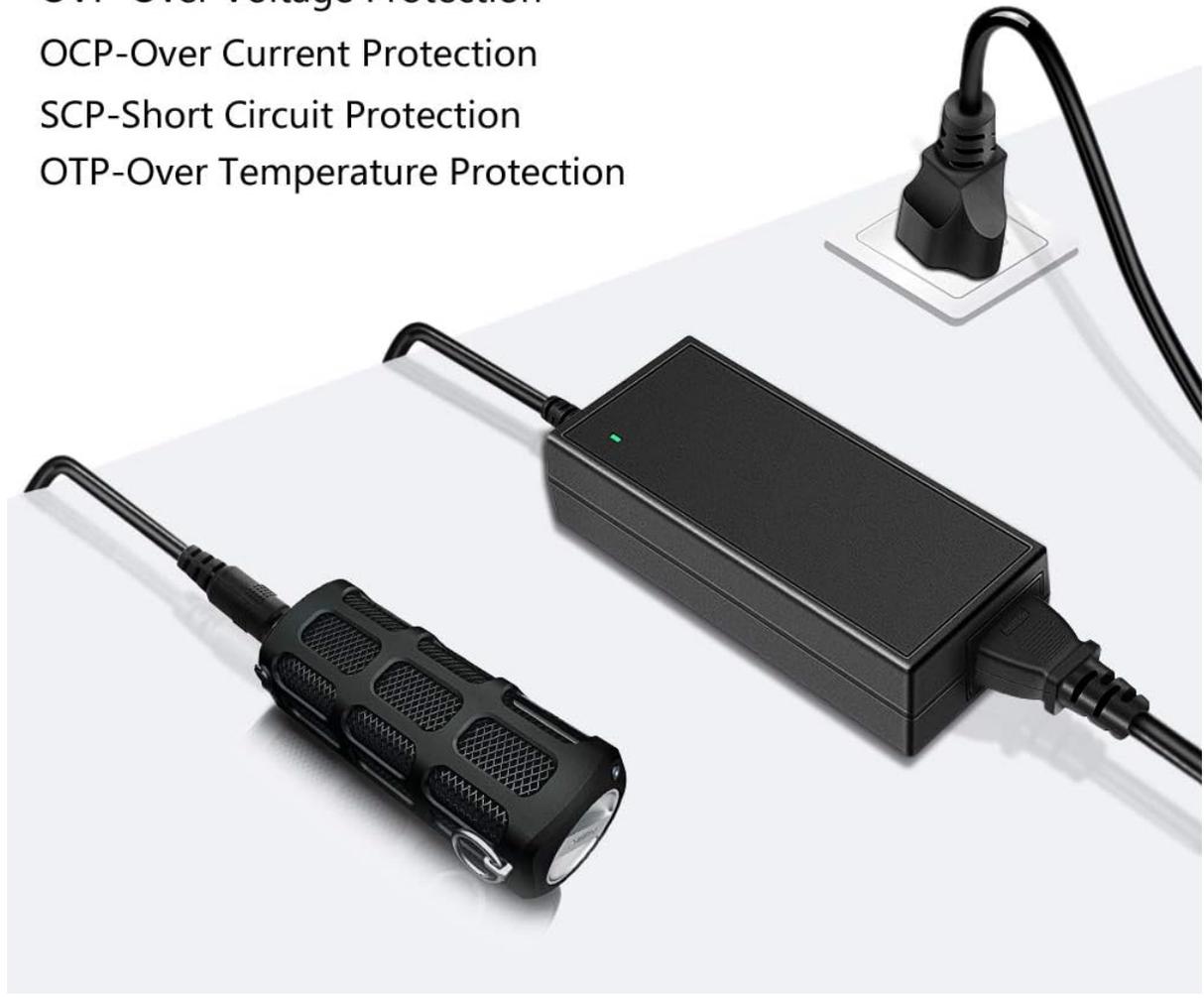


Figure 5.1: Connection Diagram. This illustration shows the typical connection of the SHNITPWR power adapter, from the wall outlet to the adapter, and then to a compatible electronic device.

6. OPERATING INSTRUCTIONS

The SHNITPWR 12V 10A 120W DC Power Supply Adapter operates automatically once connected to a power source and a compatible device. It provides a constant 12V DC output and will supply the necessary current up to its maximum rating of 10 Amperes, as drawn by the connected device.

- The adapter is designed for continuous operation within its specified limits.
- Avoid connecting devices that collectively draw more than 10A or 120W. Exceeding these limits can damage the adapter and potentially the connected devices.
- For prolonged life and stable performance, maintain the total load below 96W (80% of 120W).

7. COMPATIBILITY

This power adapter is broadly compatible with various 12V DC devices that require up to 10A of current and utilize a 5.5mm x 2.5mm (or 5.5mm x 2.1mm) barrel connector with center positive polarity. Common applications include:

- 5050 and 3528 12V LED Strip Lights
- Wireless Routers

- ADSL Cats and Network Hubs
- Security Cameras and CCTV Systems
- Audio/Video Power Supplies
- 3D Printers
- LED Drivers
- LCD Monitors
- Webcam Routers
- Other 12V devices within the 10A/120W power limit.



Broad Compatibility

Perfect for 5050 3528 12V LED Strip Light
Wireless Router, ADSL Cats, HUB, Security Cameras
Audio/ Video Power Supply, 3D Printer,
LED Driver, CCTV Security System,
LCD Monitor, Webcam Router
and other 12V devices.



More...



**This product is an AC to DC adapter, NOT charger!!!
It can't be used to charge electronic devices with batteries,
such as laptops. Otherwise, it may damage your device.**

Figure 7.1: Broad Compatibility. The adapter is suitable for a wide array of 12V DC electronic devices, as depicted by the examples shown.

8. TROUBLESHOOTING

If you encounter issues with your power adapter, please refer to the following common troubleshooting steps:

- **No Power Output:**
 - Ensure all cables are securely connected to the adapter and the wall outlet.
 - Test the wall outlet with another device to confirm it is receiving power.

- Verify that your device's power requirements (voltage, amperage, connector type, polarity) precisely match the adapter's output.
- **Adapter Overheating:**
 - Disconnect the adapter and allow it to cool down.
 - Check the total power draw of your connected devices. Ensure it does not exceed 96W (80% of the adapter's maximum 120W capacity).
 - Ensure the adapter is placed in a well-ventilated area, free from obstructions that could block airflow.
- **Device Malfunction After Connection:**
 - Immediately disconnect the adapter.
 - Re-verify all compatibility specifications (voltage, amperage, connector size, and especially polarity) between the adapter and your device. Incorrect polarity is a common cause of device damage.

If problems persist after following these steps, please contact customer support.

9. MAINTENANCE

To ensure the longevity and reliable performance of your SHNITPWR power adapter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the adapter. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the adapter or subjecting it to strong impacts. Do not pull on the cables to disconnect.

10. WARRANTY AND SUPPORT

SHNITPWR products are manufactured to high-quality standards. For any questions, technical assistance, or warranty inquiries, please contact SHNITPWR customer support through the retailer where the product was purchased or visit the official SHNITPWR website for contact information.

Please have your model number (SNT-1210) and purchase details ready when contacting support.

Related Documents - SNT-1210

 <p>VEVOR Affordable, Reliable, Home Improvement.</p> <p>PORTABLE WORK STAND</p> <p><small>Technical Support and Customer Care 1-800-451-7269</small></p>	<p>VEVOR Portable Work Stand: User Manual, Safety, Assembly, and Specifications</p> <p>Comprehensive user manual for the VEVOR Portable Work Stand, covering safety instructions, preparation, precautions for using planks and power tools, environmental considerations, product overview, parameter specifications, package contents, assembly steps, and general maintenance. Includes model numbers SNT-15, SNT-9, SNT-6, SNT-12, SNT-6A, SNT-15A.</p>
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[Canon Cushion Cover or Mini Quilt Sewing Pattern - nanaCompany](#)

Download the free Canon Cushion Cover or Mini Quilt sewing pattern from nanaCompany. Includes materials list, cutting instructions, and assembly guide for a beautiful patchwork project.



[D-Link DGS-1210-ME B1 Series Firmware Release Notes](#)

This document provides release notes for D-Link DGS-1210-ME B1 Series network switches, detailing firmware versions, upgrade instructions, new features, changes in command line interface, problems fixed, and known issues.



[Bourns 1210 Series Heavy Duty AC Surge Protective Device](#)

Overview of the Bourns 1210 Series Heavy Duty AC Surge Protective Device (SPD), designed for high-risk electrical service entrance and branch panels. Details features, electrical and environmental characteristics, and ordering information.



[D-Link DES-1210 Series Firmware Release Notes](#)

This document provides release notes for the D-Link DES-1210 Series firmware. It details firmware versions, revision history, system requirements, new features, changes to MIB and D-View modules, command-line interface updates, problems fixed, and known issues. Instructions for upgrading firmware via CLI and Web-UI are also included.



[Magic Lantern APP Operation Manual](#)

This manual provides instructions for operating the Magic Lantern APP, a mobile application designed to control LED light strips. It covers features, operating environment, app download, and detailed operational steps for color adjustment, music synchronization, timing functions, and more.