

SHNITPWR SNT-0936-108

SHNITPWR Universal Adjustable DC Power Supply

Model: SNT-0936-108

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your SHNITPWR Universal Adjustable DC Power Supply. This device is designed to convert AC input voltage (100-240V) to an adjustable DC output voltage ranging from 9V to 36V, with a maximum current of 3A and a total power output of 108W. It is suitable for powering a wide array of small electronic devices.

IMPORTANT SAFETY INSTRUCTIONS

- **Voltage Selection:** Always verify and select the correct output voltage required by your device before connecting the power supply. Incorrect voltage settings can cause irreversible damage to your equipment.
- **Load Capacity:** To ensure optimal performance and longevity, it is recommended that the connected device's power consumption does not exceed 80% of the power supply's maximum capacity (e.g., for a 108W supply, do not exceed approximately 86W). Overloading can lead to overheating and reduced service life.
- **Indoor Use Only:** This power supply is designed for indoor use in dry environments. Do not expose it to water, moisture, or high humidity.
- **Ventilation:** Ensure adequate ventilation around the power supply during operation to prevent overheating. Do not cover the unit.
- **Damage:** Do not operate the power supply if the cord, plug, or casing is damaged. Contact customer support for assistance.
- **Disassembly:** Do not attempt to open or repair the power supply. This voids the warranty and poses a safety risk.
- **Children:** Keep the power supply out of reach of children.

This power supply incorporates multiple safety protection systems including automatic over-voltage cut-off, over-current cut-off, over-temperature cut-off, and short-circuit cut-off to ensure safe operation.

6-POINT SAFETY SYSTEM



Image: The power supply features a 6-point safety system for comprehensive protection.

1382 °F FIRE RETARDANT EXTERIOR

Don't burn | No fire hazard | Safe to use



Image: The exterior casing is constructed from fire-retardant materials for enhanced safety.

PACKAGE CONTENTS

Your SHNITPWR Universal Adjustable DC Power Supply package includes:

- 1 x SHNITPWR Adjustable DC Power Supply Unit
- 1 x Original 5.5x2.5mm DC Tip
- 14 x Additional DC Connector Tips (various sizes)
- 1 x Polarity Converter Cable



Image: The complete package contents, including the main unit and various DC tips.

PRODUCT FEATURES AND COMPONENTS

The SHNITPWR SNT-0936-108 power supply offers enhanced functionality and user convenience:

- **Adjustable Output Voltage:** Continuously adjustable DC output from 9V to 36V.
- **LCD Display:** A clear LCD screen displays the current output voltage, allowing for precise adjustment and monitoring.
- **Improved Adjustment Knob:** The voltage adjustment knob has been refined for smoother and more even rotation, making it easier to set desired voltages.
- **Off Gear Function:** An added 'off' position on the knob allows you to power down the unit without unplugging it.
- **Polarity Converter Cable:** Includes a dedicated cable to reverse polarity, increasing compatibility with a wider range of devices.
- **Versatile DC Tips:** Comes with 14 frequently used DC tips, plus a DC terminal connector for custom

wiring.

108W Adjustable Power Adapter



Image: The adjustable voltage range from 9V to 36V, controlled by the knob and displayed on the LCD.

Compact and light design



Image: Dimensions of the power supply unit and its cables.

14x DC Tips and Polarity Converter

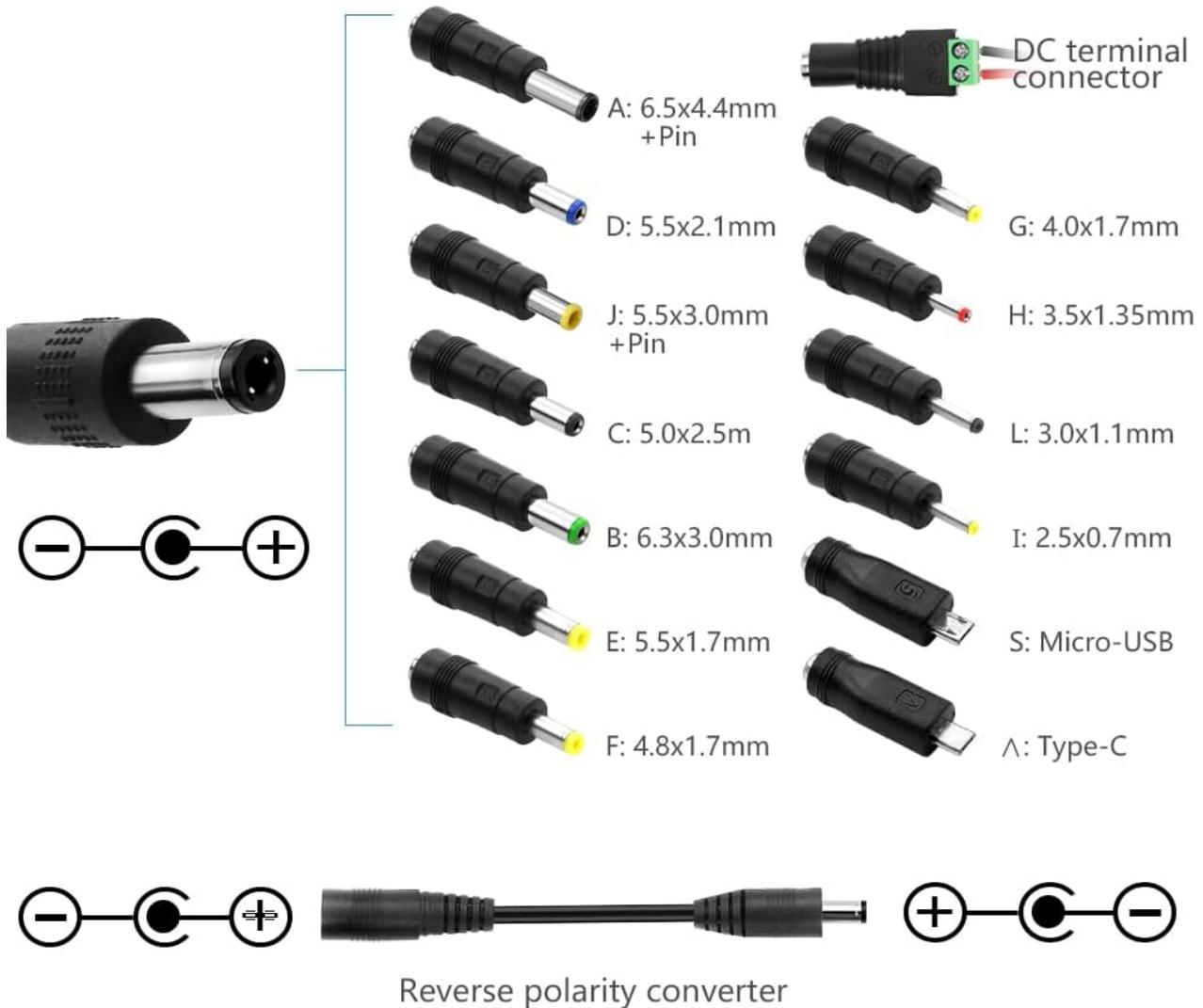


Image: The variety of DC tips and the polarity converter cable included for broad compatibility.

SETUP GUIDE

- 1. Identify Device Requirements:** Before connecting, determine the exact voltage (V) and current (A) requirements of your electronic device. This information is usually printed on the device itself, its original power adapter, or in its instruction manual.
- 2. Select Correct DC Tip:** Choose the appropriate DC connector tip from the provided set that matches your device's power input port. Ensure a snug fit.
- 3. Check Polarity:** Verify the polarity (positive or negative center pin) required by your device. Most devices use center-positive polarity. If your device requires center-negative, use the included polarity converter cable.
- 4. Connect DC Tip to Power Supply:** Attach the selected DC tip to the output cable of the SHNITPWR power supply. If using the polarity converter, connect it between the power supply's output cable and the chosen DC tip.
- 5. Set Voltage:** With the power supply unplugged from the AC outlet, rotate the voltage adjustment knob to the desired voltage setting. The LCD display will show the selected voltage once powered on.
- 6. Connect to Device:** Plug the DC connector tip into your electronic device's power input port.
- 7. Connect to AC Outlet:** Finally, plug the AC power cord of the SHNITPWR power supply into a standard

100-240V AC wall outlet.

OPERATING INSTRUCTIONS

1. **Power On:** After completing the setup steps, plug the power supply into an AC outlet. The LCD display will illuminate and show the current output voltage.
2. **Adjusting Voltage:** Carefully rotate the voltage adjustment knob to fine-tune the output voltage. Observe the LCD display to ensure the voltage matches your device's requirements. The knob has an improved design for smoother adjustment, but precise settings may require careful manipulation.
3. **Monitoring:** The LCD display provides real-time voltage readings. Regularly check the display to confirm the voltage remains stable and correct for your application.
4. **Power Off:** To turn off the power supply, rotate the adjustment knob to the 'off' position or unplug the AC power cord from the wall outlet. Note that the display may flicker briefly as internal capacitors discharge.

Important Note on Load: To prevent overheating and extend the lifespan of your power supply, ensure that the power draw of your connected device does not exceed 80% of the power supply's maximum rated power (108W). For example, if your device requires 12V at 3A (36W), this is well within the safe operating range. If your device requires 36V at 3A (108W), it is operating at maximum capacity, and it is advisable to use a power supply with a higher wattage rating for continuous operation.

Professional Advice

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.



Image: Adherence to the 80% load rule is crucial for product longevity and safety.

APPLICATIONS

This versatile AC/DC adapter is suitable for a wide range of 9V to 36V small household electronics and DIY projects. Common applications include:

- LED strips and under-cabinet lighting
- TV boxes and smart speakers
- Wireless routers and USB hubs
- Essential oil diffusers and humidifiers
- USB fans and Wi-Fi cameras
- Hard disk enclosures
- DC motors and DC pumps
- Digital photo frames
- DVR/NVR surveillance systems
- Various DIY electronic projects requiring adjustable DC power



All in One

Image: Examples of devices compatible with the universal power supply.

SPECIFICATIONS

Feature	Specification
Model Number	SNT-0936-108
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 9V-36V (Adjustable)
Max Output Current	3A
Max Output Power	108W
DC Connector Tips	14 common sizes + DC terminal connector
Polarity	Center Positive (reversible with included cable)
Dimensions (Unit)	8.74 x 3.39 x 2.68 inches (approx. 22.2 x 8.6 x 6.8 cm)
Item Weight	1.21 pounds (approx. 550 grams)
Safety Protections	Over-voltage, Over-current, Over-temperature, Short-circuit

TROUBLESHOOTING

- **No Power Output:**

- Ensure the AC power cord is securely plugged into both the power supply and a live wall outlet.
- Check if the voltage adjustment knob is turned to an active voltage setting (not 'off').
- Verify the wall outlet is functioning by plugging in another device.

- **Incorrect Voltage Display:**

- The voltage adjustment knob can be sensitive. Rotate it slowly and precisely to reach the desired voltage. Slight adjustments may be needed to stabilize the reading.
- If the display shows erratic readings, unplug the unit, wait a few seconds, and plug it back in.

- **Device Not Powering On:**

- Double-check that the selected output voltage matches your device's requirements exactly.
- Confirm the DC connector tip is correctly inserted and makes good contact.
- Verify the polarity is correct for your device. Use the polarity converter cable if necessary.
- Ensure your device's current draw does not exceed 3A and its power consumption does not exceed 108W.

- **Overheating:**

- Reduce the load on the power supply. Ensure the connected device's power consumption is within 80% of the power supply's maximum capacity.
- Ensure the power supply has adequate ventilation and is not covered.
- If overheating persists, discontinue use and contact customer support.

MAINTENANCE

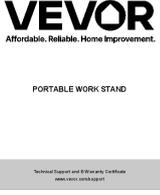
- **Cleaning:** Disconnect the power supply from the AC outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the power supply in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid sharp bends or kinks in the power cables. Do not place heavy objects on the cables.

WARRANTY AND SUPPORT

This SHNITPWR Universal Adjustable DC Power Supply comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper voltage selection.

For technical support, warranty claims, or any questions regarding your product, please contact SHNITPWR customer service through the retailer where you purchased the product or visit the official SHNITPWR website for contact information.

Related Documents - SNT-0936-108

 <p>VEVOR Affordable. Reliable. Home Improvement.</p> <p>PORTABLE WORK STAND</p> <p>Technical Support and Resources Center www.vevor.com</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>
	<p>Canon Cushion Cover or Mini Quilt Sewing Pattern - nanaCompany</p> <p>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.</p>
<p>JS-108E</p> 	<p>JS-108E Modular Storage System Assembly Instructions</p> <p>Comprehensive assembly guide for the JS-108E modular storage system, detailing all components, hardware, and step-by-step instructions for a successful build.</p>
	<p>Vividia Ablescope USB Borescope Cameras and Bundles User Guide</p> <p>This guide provides information on Vividia Ablescope USB Borescope Cameras and Bundles, including features, benefits, setup instructions, software compatibility, bundle options, and safety precautions.</p>



[Häfele Loox LED Lighting System Installation and Specifications](#)

Comprehensive guide for installing and specifying Häfele Loox LED lighting systems, detailing technical specifications, component compatibility, and step-by-step assembly instructions.



[Legrand UPS Management Systems: Software, Interfaces, and Accessories Guide](#)

Comprehensive guide to Legrand's UPS management systems, software solutions (Communicator, Management Software, RCCMD, UNMS), network interfaces, and sensors for reliable power protection and monitoring.