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› [SHNITPWR 72W Universal Power Supply Adjustable DC 3V ~ 24V 3A AC/DC Adapter with USB C Charger PD 65W Upgraded 100V-240V AC to DC Converter Variable Power Adapter, 14 Tips, Alligator Clips Power Cable Pro](#)

### SHNITPWR SNT-0324-72

# SHNITPWR 72W Universal Power Supply Instruction Manual

Model: SNT-0324-72

Brand: SHNITPWR

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SHNITPWR 72W Universal Power Supply. Please read it thoroughly before use and retain it for future reference.

### Package Contents:

- 1x 3~24V DC 72W Universal Power Supply Adapter
- 14x DC Tips (various sizes including 6.5x4.4mm+Pin, 5.5x2.1mm, 5.5x3.0mm+Pin, 5.0x2.5mm, 3.0x1.1mm, 5.5x1.7mm, Micro-USB, Type-C)
- 1x 65W PD Power Converter (USB C Charger Tip)
- 1x DC Female Jack to Alligator Clips Power Cable
- 1x Reverse Polarity Converter Cable



off, over-current cut-off, over-temperature cut-off, and short-circuit cut-off.

- Do not expose the unit to water or excessive moisture.
- Do not disassemble or attempt to repair the unit. Refer to qualified personnel for service.



Figure 2: Integrated 6-Point Safety System for enhanced protection.

### 3. SETUP

Follow these steps to set up your SHNITPWR Universal Power Supply:

1. **Identify Device Requirements:** Determine the exact voltage (V) and current (A) requirements of your electronic device. This information is usually found on the device itself, its original power adapter, or in its user manual.
2. **Select Correct DC Tip:** Choose one of the 14 included DC tips that physically fits your device's power input port.
3. **Connect DC Tip:** Attach the selected DC tip to the output cable of the SHNITPWR power supply. Ensure a secure connection.
4. **Adjust Voltage:** Before plugging the power supply into a wall outlet or connecting it to your device, use the rotary knob on the power supply to set the desired output voltage. The LCD display will show the current voltage setting. Adjust carefully to match your device's requirement.
5. **Verify Polarity (if necessary):** If your device requires a specific polarity that differs from the standard center-positive output of the power supply, use the included polarity reversal cable. Connect it between the power supply's output and the selected DC tip.
6. **Connect to Device:** Once the voltage is set and polarity is confirmed, connect the DC tip to your electronic device.
7. **Plug into Power Outlet:** Finally, plug the SHNITPWR power supply into a standard AC 100-240V, 50/60Hz wall outlet.

# 72W Adjustable Power Adapter



Figure 3: Adjustable voltage range of the power supply.

# Compact and light design



Figure 4: Physical dimensions of the power supply unit and cables.

## 4. OPERATING INSTRUCTIONS

### Adjusting Output Voltage:

The SHNITPWR power supply allows for precise voltage adjustment from 3V to 24V. Use the rotary knob on the front panel to increase or decrease the voltage. The current output voltage is displayed on the integrated LCD screen. Always adjust the voltage to match your device's requirements before connecting to prevent damage.

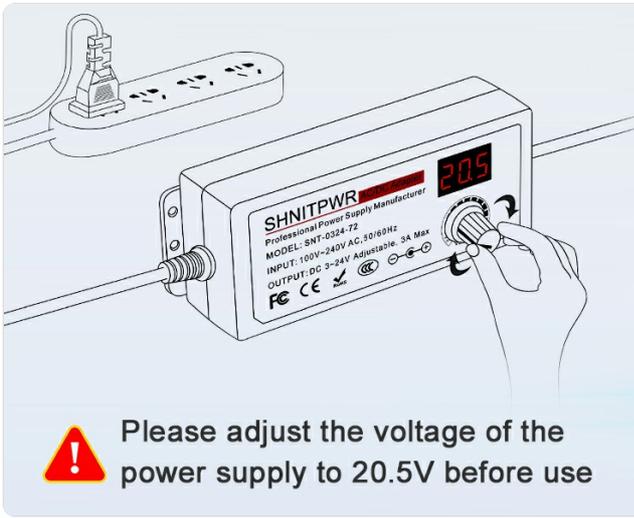
### Using the PD 65W USB-C Fast Charging Tip:

This upgraded version includes a dedicated tip to convert the power supply into a PD 65W Type-C fast charger. To use this feature, ensure the power supply's output voltage is set to less than 20.5V. Connect the PD converter tip to the power supply, then connect your USB-C device (e.g., laptop, smartphone) to the converter.

## PD 3.0 Fast Charging

DC to Type-C Power Converter    Input: DC 12-20.5V

Type-C PD: 5V/9V=1.5A    20V=3.25A    PPS: 3-11V=3.25A



**!** Please adjust the voltage of the power supply to 20.5V before use



**65W MAX**

Figure 5: Using the PD 65W USB-C Fast Charging Tip.

### Alligator Clips and Polarity Reversal:

The included alligator clips power cable is ideal for DIY projects or connecting to devices with bare wire terminals. The polarity reversal cable allows you to change the output polarity (center positive to center negative, or vice-versa) to match specific device requirements, preventing potential damage from incorrect connections.



<p>Type-C PD:Male Head</p>  <p>5V/9V == 1.5A 20V == 3.25A</p>		<p>Input Port:5.5*2.1mm</p>  <p>Input: 20V~20.5V</p>
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Figure 6: Details of the Type-C PD converter and Alligator Clips cable.

## 14x DC Tips and Polarity Converter

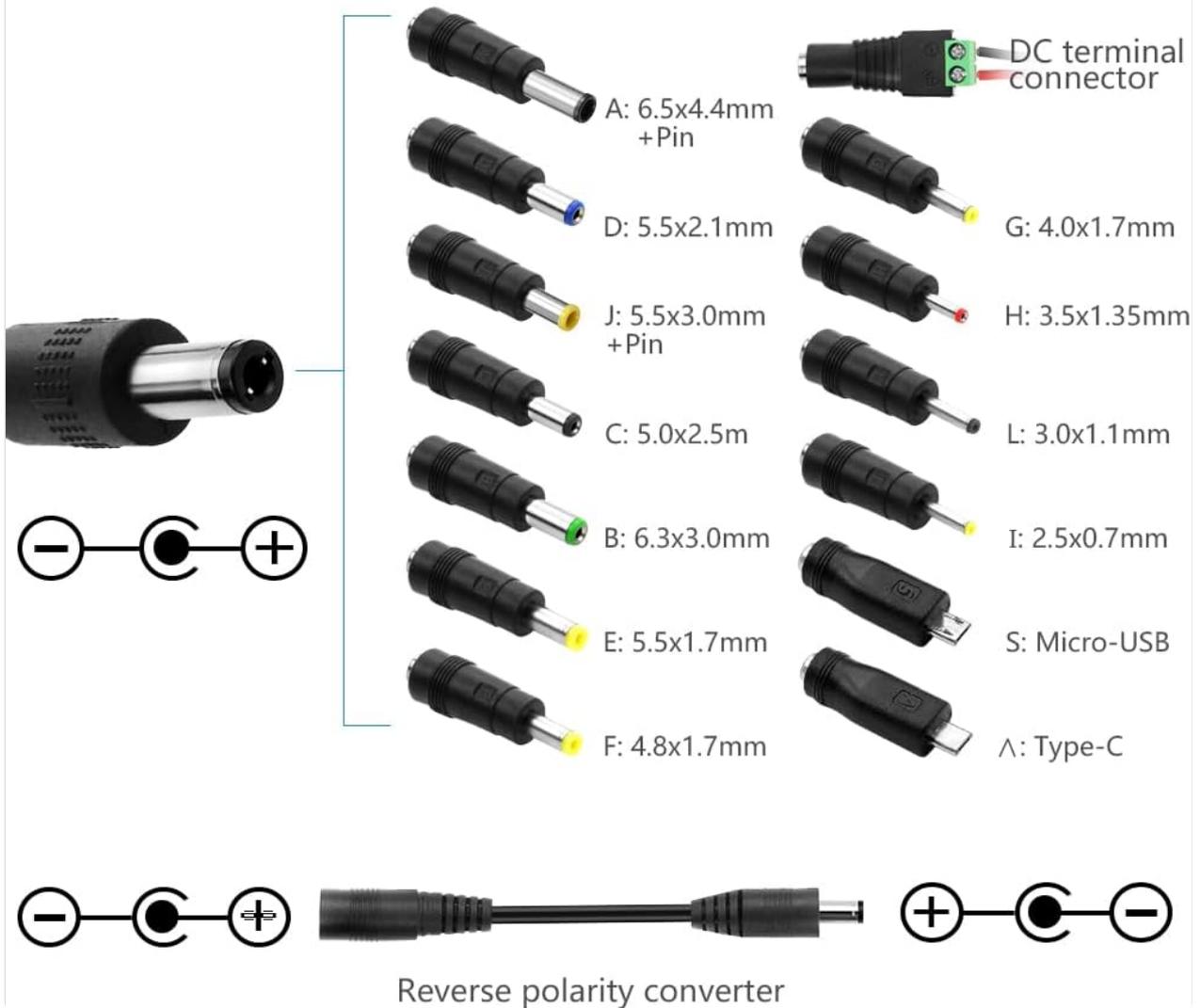


Figure 7: The 14 included DC tips and the polarity converter.

### Wide Compatibility:

The diverse range of DC tips and adjustable voltage makes this power supply compatible with numerous electronic devices, including LED strips, under-cabinet lights, smart speakers, wireless routers, Wi-Fi cameras, USB hubs, and more.



Figure 8: Examples of compatible devices.

## 5. MAINTENANCE

- Keep the power supply clean and free from dust. Use a soft, dry cloth for cleaning.
- Store the unit in a cool, dry place when not in use.
- Avoid dropping or subjecting the unit to strong impacts.
- Regularly inspect cables and connectors for any signs of wear or damage. Replace if necessary.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on.	Incorrect voltage setting.	Adjust the voltage to match your device's requirements.
Device not powering on.	Incorrect DC tip or loose connection.	Ensure the correct tip is used and securely connected.
Device not powering on.	Incorrect polarity.	Use the polarity reversal cable if needed.
Device not powering on.	Device requires more current than 3A.	This power supply is not suitable for devices requiring more than 3A.
LCD display is off.	Power supply not connected to AC outlet.	Plug the power supply into a live AC outlet.
Power supply feels warm.	Normal operation, especially under load.	Ensure adequate ventilation. If excessively hot, disconnect and check device's power requirements.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	SNT-0324-72
Input Voltage	AC 100~240V, 50/60Hz
Output Voltage	DC 3~24V Adjustable
Max Output Current	3A
Max Output Power	72W
USB-C PD Output	PD 65W (5V/9V=1.5A, 20V=3.25A, PPS: 3-11V=3.25A)
Display	LCD Digital Display
Included DC Tips	14 pcs (e.g., 6.5x4.4mm+Pin, 5.5x2.1mm, 5.5x3.0mm+Pin, 5.0x2.5mm, 3.0x1.1mm, 5.5x1.7mm, Micro-USB, Type-C)
Additional Accessories	Alligator Clips Power Cable, Reverse Polarity Converter Cable

Feature	Detail
Safety Protections	Over-voltage, Over-current, Over-temperature, Short-circuit
Material	Plastic, Metal
Item Weight	10.6 ounces (300 Grams)
Package Dimensions	8.19 x 2.72 x 2.64 inches

## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact SHNITPWR customer service through the retailer's platform or visit the official SHNITPWR website. Please have your product model number (SNT-0324-72) and purchase details ready when contacting support.