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## YUSTDA TNS30W-xy

# YUSTDA 5V AC/DC Adapter User Manual

Model: TNS30W-xy

Brand: YUSTDA

## INTRODUCTION

This manual provides essential information for the safe and effective use of your YUSTDA 5V AC/DC Adapter, Model TNS30W-xy. This power supply is designed to provide reliable and stable power to compatible electronic devices, such as the Hyper Tough 9977 1200-Lumen Rechargeable LED Work Light.

Key features of this adapter include:

- Wide input voltage range: 100-240VAC, 50/60Hz, suitable for worldwide use.
- Designed as a direct replacement AC adapter/charger, ensuring 100% compatibility with specified devices.
- Equipped with a 6.5-foot long power cord for convenient reach.
- Incorporates multiple safety features including over current protection, total power protection, over voltage protection, and short circuit protection.
- Manufactured with high-quality materials and certified with FCC, CE, and RoHS standards.



Image: The YUSTDA 5V AC/DC Adapter, showing the main unit with its label and the attached coiled power cable.

## SETUP

Follow these steps to set up your AC/DC adapter:

1. **Inspect the Adapter:** Before use, visually inspect the adapter and its cable for any signs of damage. Do not use if damaged.
2. **Connect to Device:** Plug the barrel connector end of the adapter cable into the power input port of your compatible device (e.g., Hyper Tough 9977 LED Work Light). Ensure a secure connection.

3. **Connect to Power Outlet:** Insert the two-prong plug of the adapter into a standard wall power outlet (100-240VAC, 50/60Hz).
4. **Verify Connection:** Once connected, your device should begin to receive power or charge, indicated by its power indicator light (if applicable).



Image: The YUSTDA AC/DC adapter plugged into a power strip, demonstrating a typical setup scenario. The product's retail box is also visible.

## OPERATING INSTRUCTIONS

The YUSTDA 5V AC/DC Adapter is designed for simple plug-and-play operation. Once properly connected to a power source and your device, it will automatically supply the necessary power.

- Ensure the adapter is always used within its specified input and output voltage ranges.
- Do not overload the adapter by connecting devices that exceed its maximum wattage output.
- Disconnect the adapter from the wall outlet when not in use for extended periods.



Image: Two views of the YUSTDA AC/DC adapter, emphasizing its compact and durable design suitable for various environments.

## MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Handling:** Do not drop, disassemble, or attempt to repair the adapter yourself. This can void the warranty and pose safety risks.
- **Cable Care:** Avoid bending or crimping the power cord excessively, especially near the connectors, as this can lead to internal wire damage.



# High Quality Power Cable Design



Image: An illustration detailing the high-quality power cable design, featuring high-quality copper wire and a durable PVC insulation jacket, contributing to the adapter's longevity.

## TROUBLESHOOTING

If you encounter issues with your YUSTDA AC/DC Adapter, refer to the following common problems and solutions:

- **No Power Output:**

- Ensure the adapter is securely plugged into a working wall outlet. Test the outlet with another device.
- Verify that the barrel connector is fully inserted into your device's power input.
- Check the adapter cable for any visible damage or kinks.
- Confirm that your device is compatible with a 5V DC power supply and that its power requirements do not exceed the adapter's output.

- **Device Not Charging/Powering On:**

- Ensure the device itself is functioning correctly and not the source of the issue.
- Confirm the device's battery (if applicable) is not completely depleted or faulty.
- The adapter may have entered a protection mode due to an overload or short circuit. Disconnect it from both the wall and the device, wait a few minutes, then reconnect.

- **Adapter Overheating:**

- It is normal for adapters to feel warm during operation. However, if it is excessively hot to the touch, disconnect it immediately.
- Ensure the adapter is not covered or placed in an area with poor ventilation.
- Verify that the connected device's power draw does not exceed the adapter's specifications.

# Safety Design with Multiple Protections



Image: A visual representation of the adapter's integrated safety features, including protection against over-temperature, over-voltage, over-current, and short circuits, ensuring safe operation.

## SPECIFICATIONS

Feature	Detail
Model Number	TNS30W-xy
Brand	YUSTDA
Input Voltage	100-240VAC
Input Frequency	50/60Hz
Output Voltage	5 Volts DC
Wattage	120 watts
Connector Type	Barrel Connector
Cable Length	6.5 feet (approx. 2 meters)
Special Feature	Short Circuit Protection
Certifications	CE, FCC, RoHS
Mounting Type	Wall Mount
Power Source	Corded Electric
Date First Available	November 28, 2019



Image: The reverse side of the YUSTDA AC/DC adapter, displaying its product label with detailed input/output specifications and safety warnings.

## WARRANTY INFORMATION

Please refer to the seller or product packaging for specific warranty details and terms. Typically, power adapters come with a limited manufacturer's warranty covering defects in materials and workmanship under normal use.

Keep your purchase receipt as proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

For any questions, concerns, or technical assistance regarding your YUSTDA 5V AC/DC Adapter, please contact our customer support team:

- **Email:** [epcustomerservice@yahoo.com](mailto:epcustomerservice@yahoo.com)

When contacting support, please provide your product model number (TNS30W-xy) and a detailed description of your issue.

