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YUSTDA TNS30W-xy

YUSTDA AC Adapter User Manual

Model: TNS30W-xy

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your YUSTDA AC Adapter, model TNS30W-xy. This power supply unit is designed to provide reliable and stable power to compatible robot vacuum cleaners and similar devices.



Image: The YUSTDA AC Adapter with its power cord, showcasing the main unit and detachable power cable.

The adapter features a wide input voltage range (100-240VAC) for global compatibility and incorporates multiple safety protections.

2. SETUP INSTRUCTIONS

1. **Verify Compatibility:** Ensure your device's power requirements match the adapter's output specifications (19V, 3.42A). This adapter is compatible with various models including Ecovacs Deebot 500, 600, OZMO 601, GOOVI D380, Tesvor X500, Diggro D600, and Lefant M300, M500, M501.
2. **Connect the Power Cord:** Insert the detachable power cord into the AC adapter unit.
3. **Connect to Device:** Plug the DC output connector of the adapter into the power input port of your compatible device.
4. **Connect to Power Outlet:** Insert the AC plug of the power cord into a standard wall power outlet (100-240VAC).

Durable & Compact Design



Image: Illustration highlighting the durable and compact design of the AC adapter, emphasizing its high-quality construction and portability.

3. OPERATING THE AC ADAPTER

Once connected, the AC adapter will automatically provide power to your device. No additional configuration is required. The adapter is designed for continuous operation within its specified limits.

Safety Features:

The YUSTDA AC Adapter is equipped with multiple safety mechanisms to protect both the adapter and your connected device:

- **Over Current Protection:** Prevents damage from excessive current flow.
- **Total Power Protection:** Safeguards against power overloads.
- **Over Voltage Protection:** Protects against voltage spikes.
- **Short Circuit Protection:** Automatically shuts down in case of a short circuit.

Safety Design with Multiple Protections



Image: Visual representation of the adapter's safety features, including icons for over-temperature, over-voltage, over-current, and short circuit protection.

The adapter is manufactured with high-quality copper wire and PVC insulation for durability and efficient power transmission.

High Quality Power Cable Design



Image: Diagram illustrating the internal structure of the power cable, highlighting the high-quality copper wire and PVC insulation jacket for enhanced durability and safety.

4. MAINTENANCE

The YUSTDA AC Adapter requires minimal maintenance. Follow these guidelines to ensure its longevity:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not drop or subject the adapter to strong impacts.
- Ensure proper ventilation around the adapter during operation to prevent overheating.
- Do not attempt to open or repair the adapter. This will void the warranty and may pose a safety risk.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly connected; Power outlet issue; Device fault.	Ensure all connections are secure. Try a different power outlet. Test the device with another known-good power source if available.
Adapter feels hot.	Normal operation; Poor ventilation; Overload.	A slight warmth is normal. Ensure adequate airflow around the adapter. Disconnect if excessively hot and contact support.
Intermittent power.	Loose connection; Damaged cable.	Check all connections. Inspect the cable for visible damage. If damaged, discontinue use and replace.

If the problem persists after attempting these solutions, please contact customer support.

6. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	TNS30W-xy
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	19V
Output Current	3.42A
Power Cord Length	6.5 Ft (approx. 2 meters)
Safety Certifications	FCC, CE, RoHS
Special Features	Over current protection, Total power protection, Over voltage protection, Short Circuit Protection
Compatible Devices	Ecovacs Deebot 500/600/OZMO 601, GOOVI D380, Tesvor X500, Diggro D600, Lefant M300/M500/M501, and other compatible cleaners.

7. WARRANTY AND SUPPORT

For any questions, concerns, or technical support regarding your YUSTDA AC Adapter, please contact our customer service team.

Email: epcustomerservice@yahoo.com

Please provide your product model number (TNS30W-xy) and a detailed description of your issue when contacting support.

