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> Yustda AC/DC Adapter User Manual for Opolar F621, F631, F931, F6211 Desk Fans

## YUSTDA PA-90W

# Yustda AC/DC Adapter User Manual

Model: PA-90W

## INTRODUCTION

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This manual provides comprehensive instructions for the safe and efficient use of your Yustda AC/DC Adapter, Model PA-90W. This adapter is designed as a replacement power supply for specific Opolar rechargeable desk fans, including models F621, F631, F931, and F6211. Please read this manual thoroughly before use to ensure proper operation and to prevent damage to the adapter or your device.

## PRODUCT OVERVIEW

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The Yustda AC/DC Adapter is a reliable power solution featuring multiple safety protections. It converts standard AC wall power to the DC voltage required by your compatible Opolar fan.



Image: Front view of the Yustda AC/DC Adapter, displaying its brand and electrical specifications.



Image: Rear view of the Yustda AC/DC Adapter, showing a warning label and the power cord.

## SAFETY INFORMATION

Your Yustda AC/DC Adapter is designed with several safety features to protect both the adapter and your connected device. Adhere to the following guidelines:

- **Overload Protection:** Prevents damage from excessive current draw.
- **Over-charge/discharge Protection:** Safeguards battery-operated devices during charging cycles.
- **Overheating Protection:** Smart chip technology prevents the adapter from reaching unsafe temperatures.
- **Anti-Interference Feature:** Utilizes better isolation materials to minimize electrical interference.
- **Short-circuit Protection:** Automatically shuts down power in case of a short circuit.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or attempt to repair the adapter.
- Ensure the adapter is used with compatible devices only.

## SETUP AND CONNECTION

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

1. **Verify Compatibility:** Ensure your device (e.g., Opolar F621, F631, F931, F6211 fan) requires a DC 5V power input and has a compatible barrel connector.
2. **Connect to Device:** Plug the barrel connector end of the adapter's cord into the DC input port of your Opolar fan.
3. **Connect to Power Outlet:** Insert the AC plug of the adapter into a standard 100-240VAC 50/60Hz wall outlet.
4. **Power On:** Once connected, your device should begin charging or operating, depending on its design.



Image: The Yustda AC/DC Adapter connected to a power strip, illustrating a typical setup.

## OPERATING INSTRUCTIONS

The Yustda AC/DC Adapter operates automatically once connected. It provides a stable 5V DC output to power or charge your compatible device.

- The adapter is designed for continuous operation within its specified voltage and current limits.
- Monitor your device's charging indicator (if available) to confirm proper power delivery.
- Disconnect the adapter from the wall outlet when not in use for extended periods.

## MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your adapter, follow these maintenance tips:

- **Cleaning:** Disconnect the adapter from power before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use.
- **Cable Care:** Avoid bending or crimping the power cord excessively. Do not place heavy objects on the cord.
- **Inspection:** Periodically inspect the adapter and cord for any signs of damage, such as frayed wires or cracked casing. Discontinue use if damage is found.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device not receiving power/charging.	<ul style="list-style-type: none"><li>◦ Adapter not fully plugged in.</li><li>◦ Wall outlet not functioning.</li><li>◦ Device's input port is damaged.</li><li>◦ Adapter cable or connector is damaged.</li><li>◦ Incompatible device.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure both ends of the adapter are securely connected.</li><li>◦ Test the wall outlet with another device.</li><li>◦ Inspect the device's input port for damage.</li><li>◦ Check the adapter cable and connector for visible damage.</li><li>◦ Verify your device is listed as compatible (Opolar F621, F631, F931, F6211).</li></ul>
Adapter feels unusually hot.	<ul style="list-style-type: none"><li>◦ Overload or short circuit.</li><li>◦ Poor ventilation.</li></ul>	<ul style="list-style-type: none"><li>◦ Immediately disconnect the adapter from power and device. Allow it to cool.</li><li>◦ Ensure the adapter is in a well-ventilated area.</li><li>◦ If overheating persists, discontinue use and contact support.</li></ul>

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

## SPECIFICATIONS

- **Model:** PA-90W
- **Input Voltage:** 100-240VAC, 50/60Hz
- **Output Voltage:** DC 5V (5.0VDC)
- **Connector Type:** Barrel Connector
- **Cable Length:** Approximately 6.5 feet (2 meters)
- **Color:** Black
- **Safety Features:** Over current protection, Total power protection, Over voltage protection, Short Circuit Protection, Over-charge/discharge protection, Overheating Protection.

- **Certifications:** FCC, CE, RoHS
- **Compatible Devices:** Opolar Model F621, F631, F931, F6211 Rechargeable 6" Desk Fan Battery Operated Mini Fans.

## CUSTOMER SUPPORT

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For further assistance or inquiries, please contact Yustda customer support through your retailer or the official Yustda website. Please have your product model number (PA-90W) available when contacting support.