## CZJUTAI JT-EL/FC240V0250

# CZJUTAI JT-EL/FC240V0250 LED Power Supply User Manual

Premium 24V 0.25A 6W 8 Modes LED Power Supply with Multifunction Button

## Introduction

Thank you for choosing the CZJUTAI JT-EL/FC240V0250 LED Power Supply. This device is designed to provide reliable and efficient power for your LED lighting applications, including Christmas and string lights. Featuring 8 distinct lighting modes and an IP44 waterproof rating, it is suitable for both indoor and outdoor use. This manual provides essential information for safe installation, operation, and maintenance of your power supply.

## Important Safety Information

- Read all instructions carefully before installation and use.
- This is a Class 2 transformer. Ensure all connected lighting operates within the specified voltage (24V) and current (0.25A) limits to prevent damage or hazards.
- Do not exceed the maximum wattage of 6W.
- Ensure the power supply is disconnected from the main power source before making any connections or performing maintenance.
- The IP44 rating indicates protection against splashing water from any direction. While suitable for outdoor use, avoid submerging the unit in water.
- Do not open the casing of the power supply. There are no user-serviceable parts inside.
- Keep out of reach of children.
- If the power supply or connected lights show signs of damage, discontinue use immediately and replace the unit.

## Product Overview

The CZJUTAI JT-EL/FC240V0250 is a versatile LED power supply designed for various lighting applications. Key features include:

- **8 Lighting Modes:** Provides dynamic lighting options for different occasions.
- **Class 2 Transformer:** Ensures safe and reliable operation.
- **IP44 Waterproof Rating:** Suitable for both indoor and outdoor environments, protected against splashing water.
- **High Efficiency:** Operates at 24V 0.25A 6W for consistent performance.
- **Multifunction Button:** Easy control to switch between lighting modes.




*Image: Front view of the CZJUTAI JT-EL/FC240V0250 LED Power Supply, highlighting its label with specifications and safety certifications.*

## Setup and Installation

1. **Verify Compatibility:** Before connecting, ensure your LED lights require a 24V DC power supply and that their total

wattage does not exceed 6W. The output current is 0.25A.

2. **Inspect the Unit:** Check the power supply and its cables for any visible damage. Do not use if damaged.
3. **Connect to Lights:** Locate the female plug of your LED light string. Carefully align and connect it to the two-pronged spiral interface of the CZJUTAI power supply. Ensure a secure connection.
4. **Power On:** Plug the AC plug of the power supply into a standard 120V~60Hz wall outlet.




*Image: Detailed view of the power supply's output interface and how to correctly connect it to an LED light string. It also shows incorrect connection types to avoid.*

**Important Note:** Always double-check that the female plug of your adapter matches the male plug of your LED light. Carefully read the output voltage, current, and wattage of this power supply and confirm they are suitable for your LED lights and Christmas decorations.

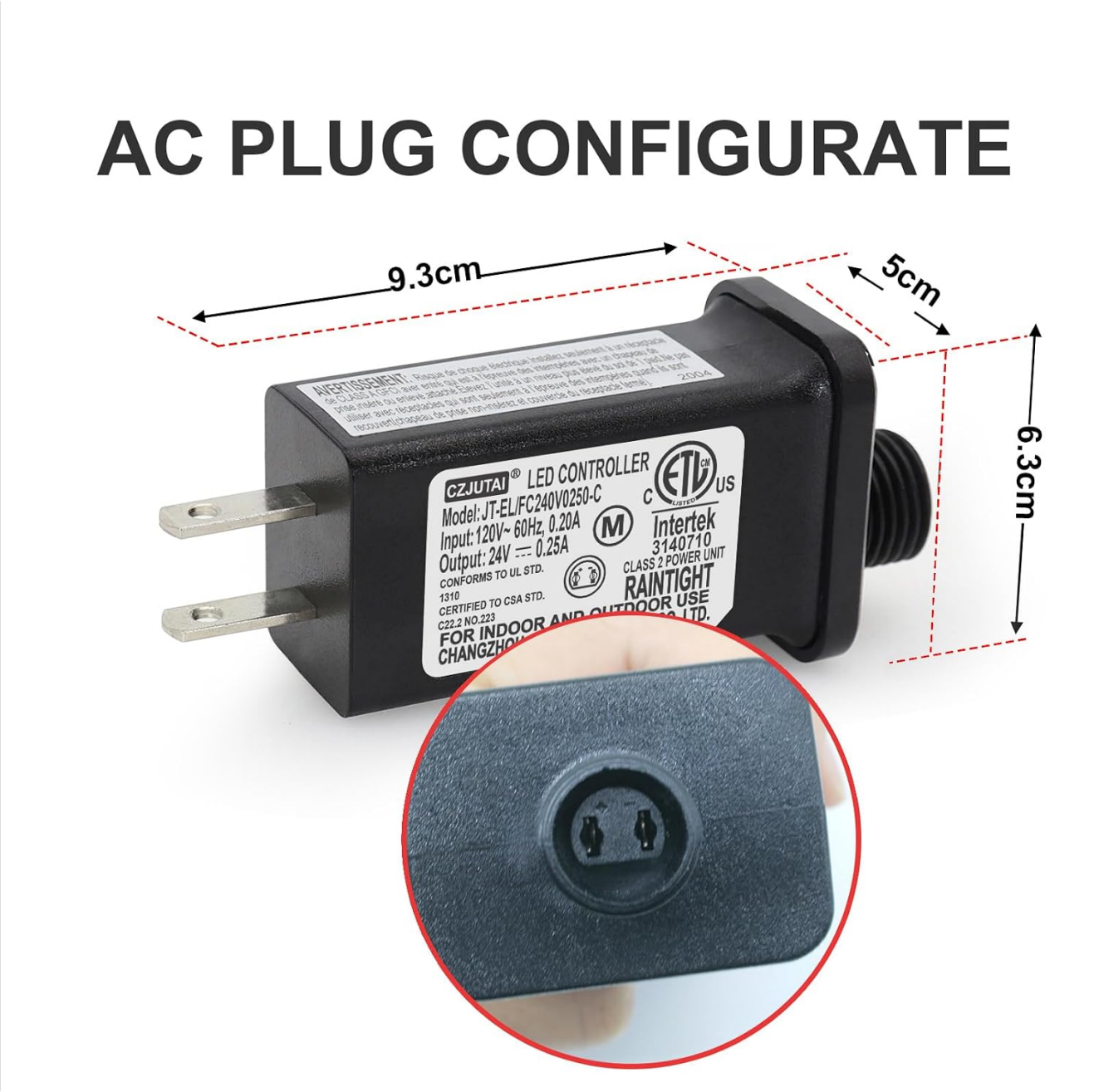



*Image: AC plug configuration with approximate dimensions for reference.*

## Operating Instructions

The CZJUTAI JT-EL/FC240V0250 LED Power Supply features a multifunction button to control the lighting modes.

- Once the power supply is connected to your LED lights and plugged into a power outlet, the lights will illuminate in the default mode.
- To cycle through the 8 available lighting modes, simply press the **"PRESS"** button located on the power supply unit. Each press will advance to the next mode.
- The power supply will remember the last selected mode when powered off and on again.




*Image: The multifunction button on the power supply, used to cycle through the 8 lighting modes.*

## Maintenance

- **Cleaning:** Disconnect the power supply from the outlet before cleaning. Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the power supply in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power supply and its cables for any signs of wear, fraying, or damage.




*Image: The power supply demonstrating its IP44 waterproof capability, suitable for both indoor and outdoor environments.*

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Lights do not turn on. | No power to the outlet.<br>Loose connection between power supply and lights.<br>Incompatible voltage/current for lights.<br>Damaged power supply or lights. | Check the power outlet with another device.<br>Ensure all connections are secure.<br>Verify light specifications match 24V 0.25A 6W.<br>Inspect for damage; replace if necessary. |
| Lights flicker or dim. | Overloaded circuit (total wattage exceeds 6W).<br>Loose connection.<br>Faulty light string. | Reduce the number of connected lights.<br>Check and secure all connections.<br>Test with a different light string. |
| Cannot change lighting modes. | Button malfunction. | Ensure the button is pressed firmly. If issue persists, the unit may be faulty. |

## Specifications

| | |
|---|---|
| **Model Number** | CZJUTAI JT-EL/FC240V0250 |
| **Input Voltage** | 120V~60Hz |
| **Output Voltage** | 24V DC |
| **Output Current** | 0.25A |
| **Max Wattage** | 6W |
| **Protection Rating** | IP44 Waterproof |

| | |
|---|---|
| **Transformer Class** | Class 2 |
| **Dimensions** | Approx. 3.54 x 1.97 x 1.97 inches (Package) |
| **Manufacturer** | CZJUTAI |
| **UPC** | 761182920738 |




*Image: Various applications where the CZJUTAI LED Power Supply can be used, such as laser lights, Christmas LEDs, and lawn lamps.*

## Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.
Manufacturer: CZJUTAI

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