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PREMIER ADAPTER JT-DC045V0600

Instruction Manual

PREMIER ADAPTER CZJUTAI JT-DC045V0600 4.5V 2.7W LED TRANSFORMER

Model: JT-DC045V0600 | Brand: PREMIER ADAPTER

1. Product Overview

This instruction manual provides essential information for the safe and effective use of your PREMIER ADAPTER CZJUTAI JT-DC045V0600 LED Transformer. This Class 2 power supply adapter is designed for low voltage LED devices, providing a constant power source in a steady-on mode.



Image 1.1: Overview of the PREMIER ADAPTER CZJUTAI JT-DC045V0600 LED Transformer.

The transformer is suitable for various 4.5V 0.6A low voltage LED applications, including holiday decoration lights, Christmas trees, LED string lights, lawn lamps, curtain lights, fairy lights, and rope lights. It features a US 2-pin plug and is rated IP44 for indoor and outdoor use.

2. What's in the Box

- 1x 4.5V 2.7W LED Power Supply with Screw Socket (Constant ON)

3. Specifications

Before connecting, verify that the voltage, current, wattage, and connector type of this transformer match your device's requirements.

This adapter is ALSO fully compatible if you have the following models:

With this socket:



Product: JT-DC045V0600

CZJUTAI® CLASS 2 POWER SUPPLY

Model: JT-DC045V0300-C

Input: 120V~ 60Hz, 0.20A

Output: 4.5V $\overline{=}$ 0.30A

RAINTIGHT

FOR INDOOR AND OUTDOOR USE
CHANGZHOU JUTAI ELECTRONIC CO.,LTD.



E200916



LISTED
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Image 3.1: Product dimensions and key electrical specifications.

Specification	Value
Model Number	CZJUTAI JT-DC045V0600-C IP44 4.5V2.7W
Input Voltage	120V AC, 50/60Hz, 0.20A
Output Voltage	4.5V DC
Output Current	0.6A
Rated Wattage	2.7W
Protection Rating	IP44 (Raintight)
Plug Type	US 2-Pin
Connector Type	Screw Socket (2-hole, 17mm diameter)
Operating Mode	Steady-ON
Dimensions (approx.)	9.3 cm (3.66 in) length, 6.3 cm (2.48 in) height, 1.5 cm (0.59 in) width
Weight	1.13 ounces
Compatible Devices	Christmas String Lights, Copper Wire Light, Curtain Light, Lawn Lamp, Projector Light

This adapter is also compatible with devices requiring model JT-DC045V0300-C (4.5V 0.3A) as amperage is not forced.

Use the Device



Inflatable Equipment



Christmas Inflatables



Cluster String Lights



LED Lights



Image 4.1: Visual representation of the transformer's safety protection features.

5. Setup

1. **Verify Compatibility:** Before connecting, ensure your LED device requires 4.5V DC input and has a compatible 2-hole screw socket connector (17mm diameter).
2. **Connect Device:** Align the female plug of the transformer with the male plug of your LED device. Twist the screw collar to secure the connection firmly.
3. **Plug into Power:** Insert the transformer's US 2-pin plug into a standard 120V AC wall outlet.

Ensure all connections are secure before applying power. The IP44 rating indicates suitability for outdoor use, but avoid submerging the unit in water.

Ensure Safety Andstabiuty



Image 5.1: Illustration of connecting the transformer to a compatible device.

6. Operating Instructions

This transformer operates in a **steady-on mode only**. Once connected to a compatible LED device and plugged into a power outlet, it will provide a continuous 4.5V DC power supply, illuminating your lights constantly.

- No flashing or blinking modes are supported by this transformer.
- Ensure the total wattage of connected LED devices does not exceed 2.7W.

Product Size



4.5V 2.7W LED Transformer

Input: 120V~ 60Hz , 0.20A

Output: 4.5V Rated Watts: 2.7W

IP44 Waterproof Low Voltage

Image 6.1: Examples of typical applications for the LED transformer.

7. Maintenance

- **Cleaning:** Disconnect the transformer from the power outlet before cleaning. Wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or immerse in water.
- **Storage:** When not in use, store the transformer in a cool, dry place away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the transformer and its cables for any signs of damage, such as cracks, fraying, or discoloration. If damage is observed, discontinue use immediately.

8. Troubleshooting

- **No Power Output:**
 - Ensure the transformer is securely plugged into a working wall outlet.
 - Check that the connection between the transformer and your LED device is firm and correctly aligned.
 - Verify that your LED device is functioning correctly with another power source, if possible.
 - Confirm that the voltage, current, and wattage requirements of your device match the transformer's specifications.

- **Lights are Dim or Flickering:**

- This may indicate an overloaded circuit. Ensure the total wattage of connected devices does not exceed 2.7W.
- Check for loose connections.

- **Transformer is Hot:**

- A slight warmth is normal during operation. However, if the transformer becomes excessively hot, immediately unplug it and check for overloading or a short circuit in the connected device.

If troubleshooting steps do not resolve the issue, discontinue use and contact customer support.

9. Warranty and Support

This PREMIER ADAPTER product comes with a **3-year hassle-free replacement warranty**. If you encounter any issues or require assistance, please contact PREMIER ADAPTER customer support through your purchase platform or the contact information provided with your product.

For further inquiries, please refer to the contact details provided by your retailer.