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› PXNQMTJM GM-LXTM-F 22-30V LED Driver Instruction Manual

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Model: GM-LXTM-F

PRODUCT OVERVIEW

The PXNQMTJM GM-LXTM-F LED Driver is a smart power supply designed for LED lighting applications. It features a two-line, two-color output and supports various current ratings from 600mA to 3000mA, with an output voltage range of 22-30V. This driver is suitable for converting AC input voltage to a stable DC output for LED modules.

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your LED driver.

SAFETY INFORMATION

- Always disconnect power before installation or maintenance.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Ensure the input voltage matches the specifications of the driver.
- Do not exceed the maximum output current or voltage ratings.
- Keep the driver away from moisture and extreme temperatures.
- Ensure proper ventilation to prevent overheating.

PACKAGE CONTENTS

- 1 x PXNQMTJM GM-LXTM-F LED Driver (specific current rating as purchased)

SETUP AND INSTALLATION

Follow these steps for proper installation of the LED driver:

1. **Power Disconnection:** Before starting, ensure the main power supply to the circuit is turned off at the breaker.

2. **Identify Connections:** The driver has input wires (typically for 110V/220V AC) and output wires (for LED connection). Refer to the labels on the driver.
3. **Input Wiring:** Connect the AC input wires from your power source to the corresponding input terminals on the LED driver. Ensure correct polarity if applicable (though AC typically doesn't have strict polarity for line/neutral, ground should always be connected if present). The images show "Connect 220V" or "Connect 110-265V" for input.
4. **Output Wiring:** Connect the LED output wires from the driver to your LED module. The driver supports two-line, two-color output. Ensure the LED module's voltage and current requirements are within the driver's specifications (22-30V output). The images show "LED" for output.
5. **Secure Connections:** Ensure all wire connections are secure and properly insulated to prevent short circuits.
6. **Mounting:** Mount the LED driver in a well-ventilated area, away from direct heat sources or moisture.
7. **Power Restoration:** Once all connections are secure and verified, restore power to the circuit.

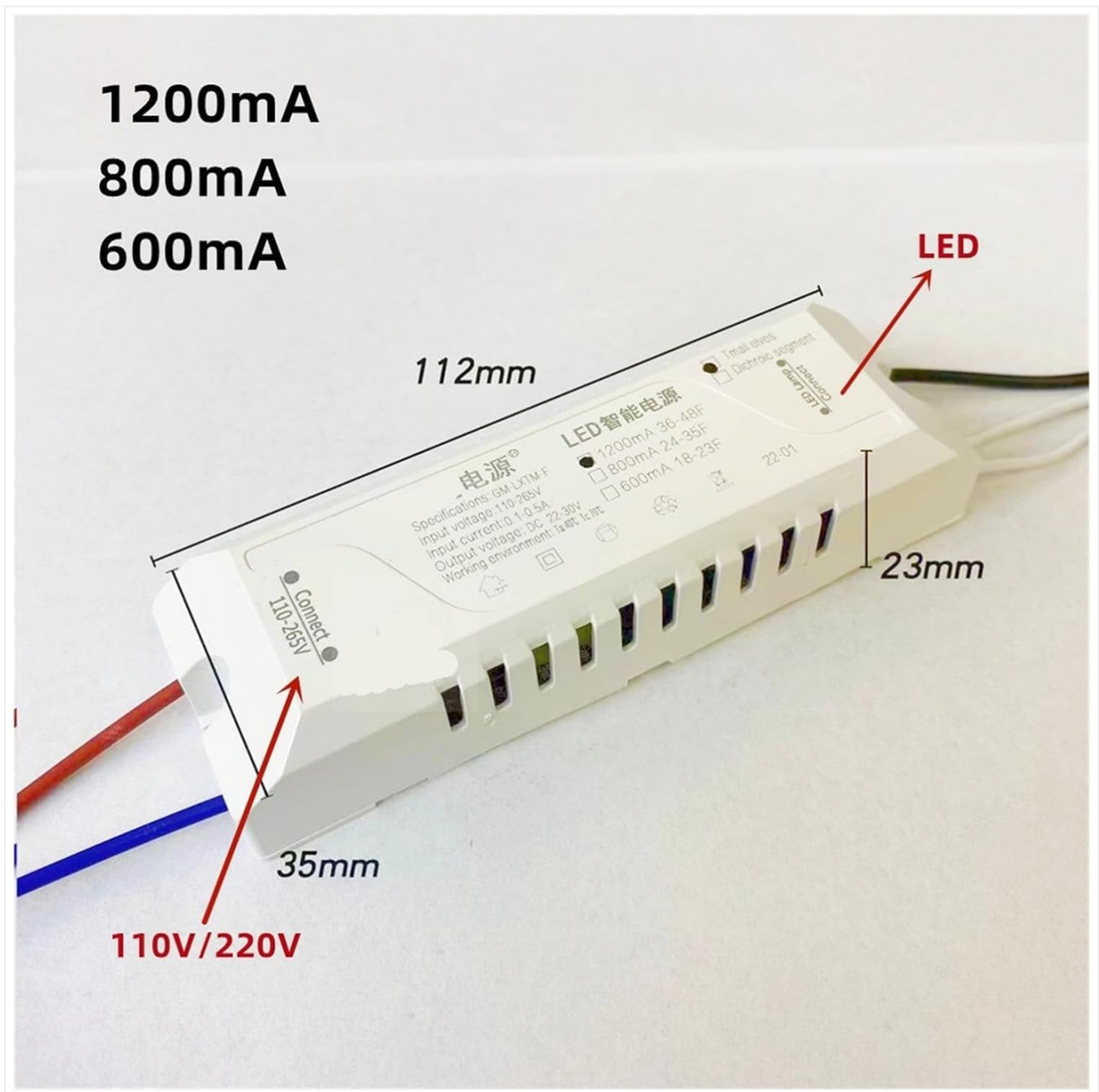


Figure 1: LED Driver for 600mA, 800mA, 1200mA variants. Input voltage 110-265V. Dimensions: 112mm length, 35mm width, 23mm height. Shows input connection for 110V/220V and output connection for LED.

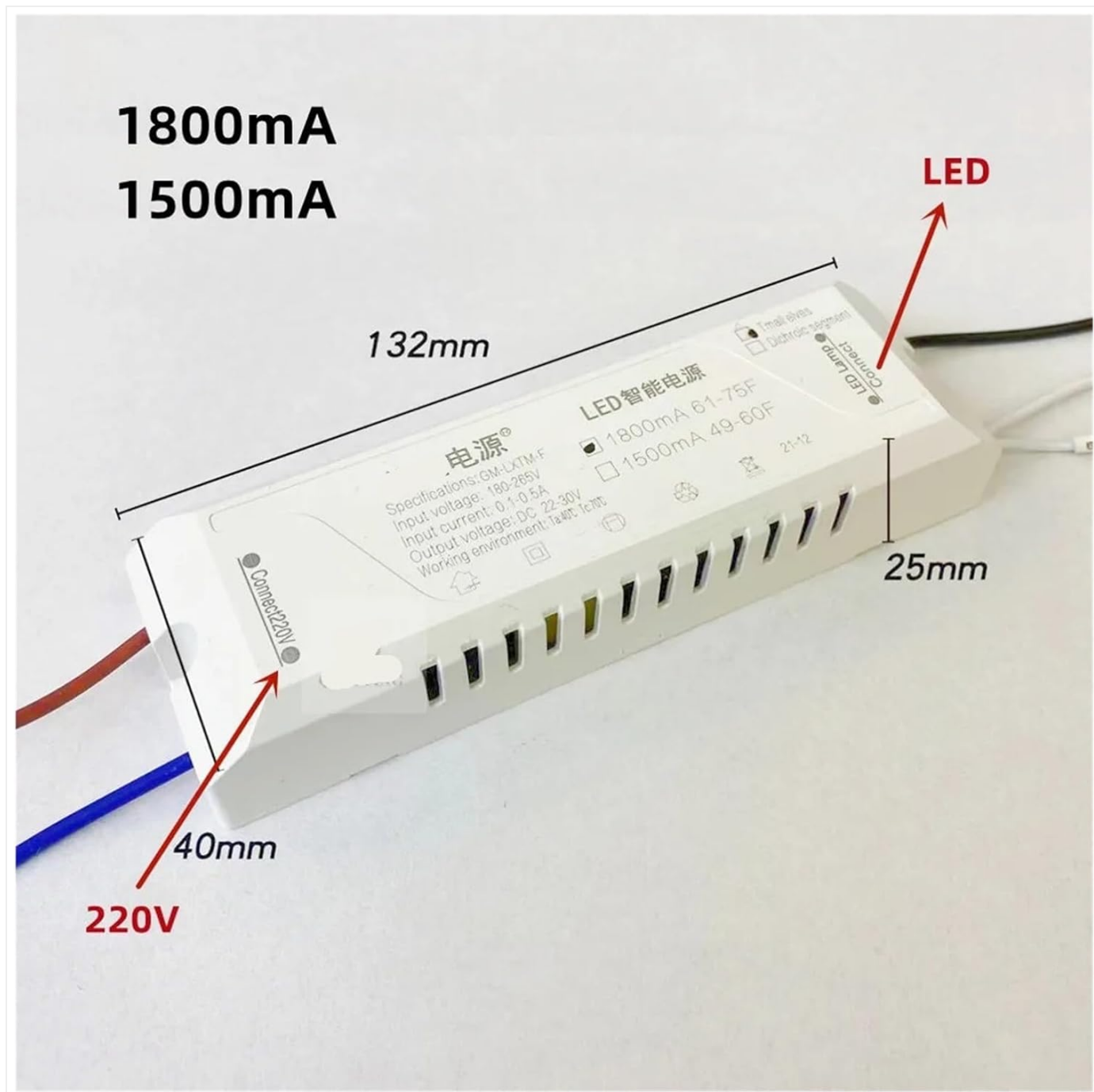


Figure 2: LED Driver for 1500mA, 1800mA variants. Input voltage 180-265V. Dimensions: 132mm length, 40mm width, 25mm height. Shows input connection for 220V and output connection for LED.

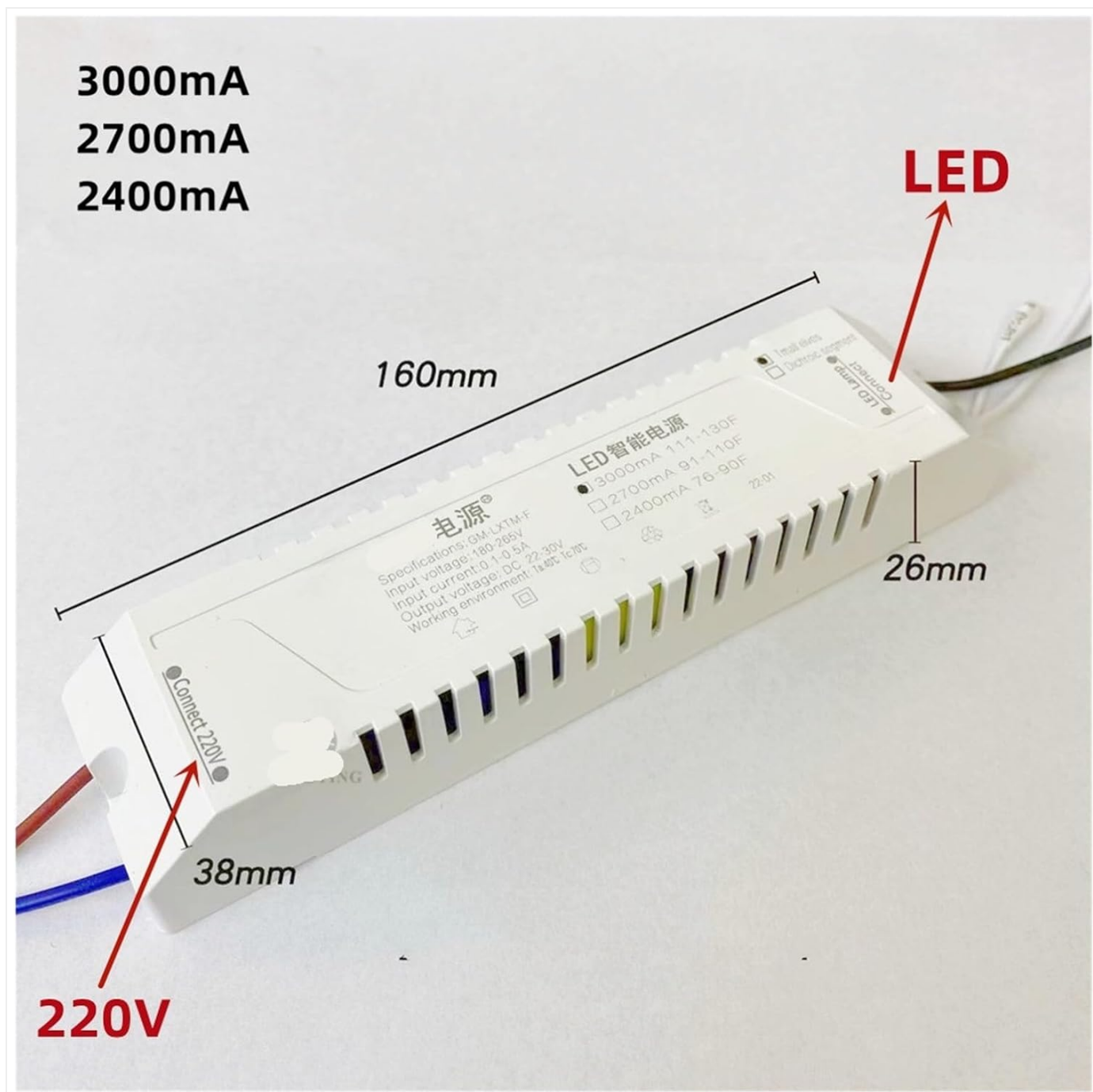


Figure 3: LED Driver for 2400mA, 2700mA, 3000mA variants. Input voltage 180-265V. Dimensions: 160mm length, 38mm width, 26mm height. Shows input connection for 220V and output connection for LED.

OPERATING INSTRUCTIONS

Once properly installed, the LED driver operates automatically. It converts the AC input to a stable DC output for your LED lighting. The "Two Line 2 Color Smart Power Supply" feature implies it can manage two different color outputs or channels for compatible LED fixtures.

- Ensure the connected LED load does not exceed the driver's rated output current.
- The driver is designed for continuous operation within its specified working environment temperature.

MAINTENANCE

The PXNQMTJM GM-LXTM-F LED Driver requires minimal maintenance. Follow these guidelines to ensure longevity:

- **Cleaning:** Periodically inspect the driver for dust accumulation. If necessary, gently clean the exterior with a dry, soft

cloth. Ensure power is disconnected before cleaning.

- **Inspection:** Regularly check wiring connections for any signs of wear, damage, or loose connections. Address any issues promptly.
- **Ventilation:** Ensure that the area around the driver remains clear to allow for adequate airflow and prevent overheating.
- **Environmental Conditions:** Operate the driver within the specified working environment temperature (10-70°C).

TROUBLESHOOTING

If you encounter issues with your LED driver, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
LEDs not lighting up	No power to driver; Loose connections; Faulty LED module; Incorrect wiring.	Check power supply; Verify all connections are secure; Test LED module with another driver (if possible); Re-check wiring diagram.
LEDs flickering or dim	Insufficient power; Overloaded driver; Loose connections; Incompatible LED module.	Ensure stable power supply; Verify LED load does not exceed driver's current rating; Check connections; Ensure LED module is compatible with 22-30V DC.
Driver overheating	Poor ventilation; Overloaded driver; High ambient temperature.	Ensure adequate airflow around the driver; Reduce LED load if it exceeds specifications; Relocate driver to a cooler environment.

If the problem persists after following these steps, contact customer support.

SPECIFICATIONS

Feature	Specification
Model	GM-LXTM-F
Input Voltage	110-265V AC (variant dependent, check label)
Output Voltage	22-30V DC
Output Current (Variants)	600mA, 800mA, 1200mA, 1500mA, 1800mA, 2400mA, 2700mA, 3000mA
Working Environment Temperature	10-70°C
Dimensions (approx.)	• 600mA/800mA/1200mA: 112mm x 35mm x 23mm • 1500mA/1800mA: 132mm x 40mm x 25mm • 2400mA/2700mA/3000mA: 160mm x 38mm x 26mm
Weight	50 Grams (approx., varies by variant)

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's policy or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: PXNQMTJM

Seller: caizhiweiCZW ([Seller Information](#))

