

PXNQMTJM GM-LXTM-F

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

Model: GM-LXTM-F

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your PXNQMTJM GM-LXTM-F 22-30V LED Driver. This smart power supply is designed for LED lighting applications, offering two-line, two-color control capabilities. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- **Electrical Hazard:** Installation should only be performed by a qualified electrician or trained personnel. Ensure power is disconnected before installation or maintenance.
- **Voltage Compatibility:** Verify that the input voltage of your electrical system matches the driver's specified input voltage (110-220V or 180-265V).
- **Output Load:** Do not exceed the maximum output current or voltage ratings of the LED driver. Ensure the connected LED lamps are compatible with the driver's output specifications.
- **Ventilation:** Ensure adequate ventilation around the driver to prevent overheating. Do not cover the driver or install it in an enclosed space without proper airflow.
- **Moisture:** Avoid exposure to water or high humidity. This product is not waterproof unless explicitly stated.
- **Damage:** Do not operate the driver if it appears damaged. Contact support for assistance.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and undamaged:

- 1x PXNQMTJM GM-LXTM-F LED Driver
- 1x Remote Control (as shown in image)



Image 1: The PXNQMTJM GM-LXTM-F LED Driver shown alongside its accompanying remote control. The driver is a rectangular white unit with ventilation slots, and the remote is a white, multi-button device.

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Power Disconnection:** Before beginning any wiring, ensure the main power supply to the circuit is turned off at the breaker.
2. **Input Wiring:** Connect the AC input wires from your power source to the terminals labeled 'Connect 110-265V' or 'Connect 220V' on the LED driver. Typically, these are the red and blue/brown and blue wires. Ensure a secure connection.
3. **Output Wiring:** Connect the LED lamp wires to the terminals labeled 'LED Lamp Connect' on the driver. The driver supports two-line, two-color LED lamps. Ensure correct polarity if specified by your LED lamp manufacturer.
4. **Mounting:** Securely mount the LED driver in a suitable location, ensuring it is protected from physical damage and has adequate ventilation.
5. **Power Restoration:** Once all connections are secure and verified, restore power to the circuit.

5. OPERATING INSTRUCTIONS

The LED driver is controlled via the included remote control. The remote allows for basic functions such as power on/off and potentially switching between two colors or modes, as indicated by the 'Two Line 2 Color Smart Power Supply' description.

- **Power On/Off:** Use the designated ON/OFF buttons on the remote to turn the connected LED lamps on or off.
- **Mode/Color Selection:** The remote typically includes buttons (e.g., '1', '2', '3', '4' or specific symbols) to cycle through different lighting modes or switch between the two available colors. Refer to the remote's markings for specific functions.
- **Pairing (if applicable):** If the remote does not respond, ensure it has fresh batteries and is within range. Some smart drivers may require a pairing procedure; consult the remote's specific instructions if provided separately.

6. MAINTENANCE

The PXNQMTJM GM-LXTM-F LED Driver requires minimal maintenance:

- **Cleaning:** Periodically clean the exterior of the driver with a dry, soft cloth to remove dust. Do not use liquid cleaners or solvents.
- **Inspection:** Regularly inspect the wiring connections for any signs of wear, corrosion, or loosening.
- **Environment:** Ensure the operating environment remains within the specified temperature and humidity ranges.

7. TROUBLESHOOTING

If you encounter issues with your LED driver, refer to the following common problems and solutions:

- **No Power to LEDs:**
 - Check if the main power supply is on.
 - Verify all input and output wiring connections are secure.
 - Ensure the input voltage matches the driver's requirements.
 - Test the LED lamps with a known working power source if possible.
- **LEDs Flicker or Dim Incorrectly:**
 - Confirm the LED lamps are compatible with the driver's output current and voltage.
 - Check for loose connections.
 - Ensure the driver is not overloaded.
- **Remote Control Not Responding:**
 - Replace the remote control batteries.
 - Ensure there are no obstructions between the remote and the driver.
 - If applicable, attempt to re-pair the remote with the driver.
- **Overheating:**
 - Ensure the driver has adequate ventilation and is not covered.
 - Verify the load on the driver does not exceed its maximum ratings.

If problems persist after troubleshooting, contact customer support.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	GM-LXTM-F
Brand	PXNQMTJM
Input Voltage	110-220V AC (also specified as 180-265V AC on some models)
Output Voltage	22-30V DC
Output Current Options	600mA, 800mA, 1200mA, 1500mA, 1800mA, 2400mA, 2700mA, 3000mA
Power Source	Corded Electric
Item Weight	1.76 ounces (50 Grams)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Working Environment Temperature	Varies by model (e.g., 16-23F, 61-75F, 76-90F)

Dimensions by Output Current

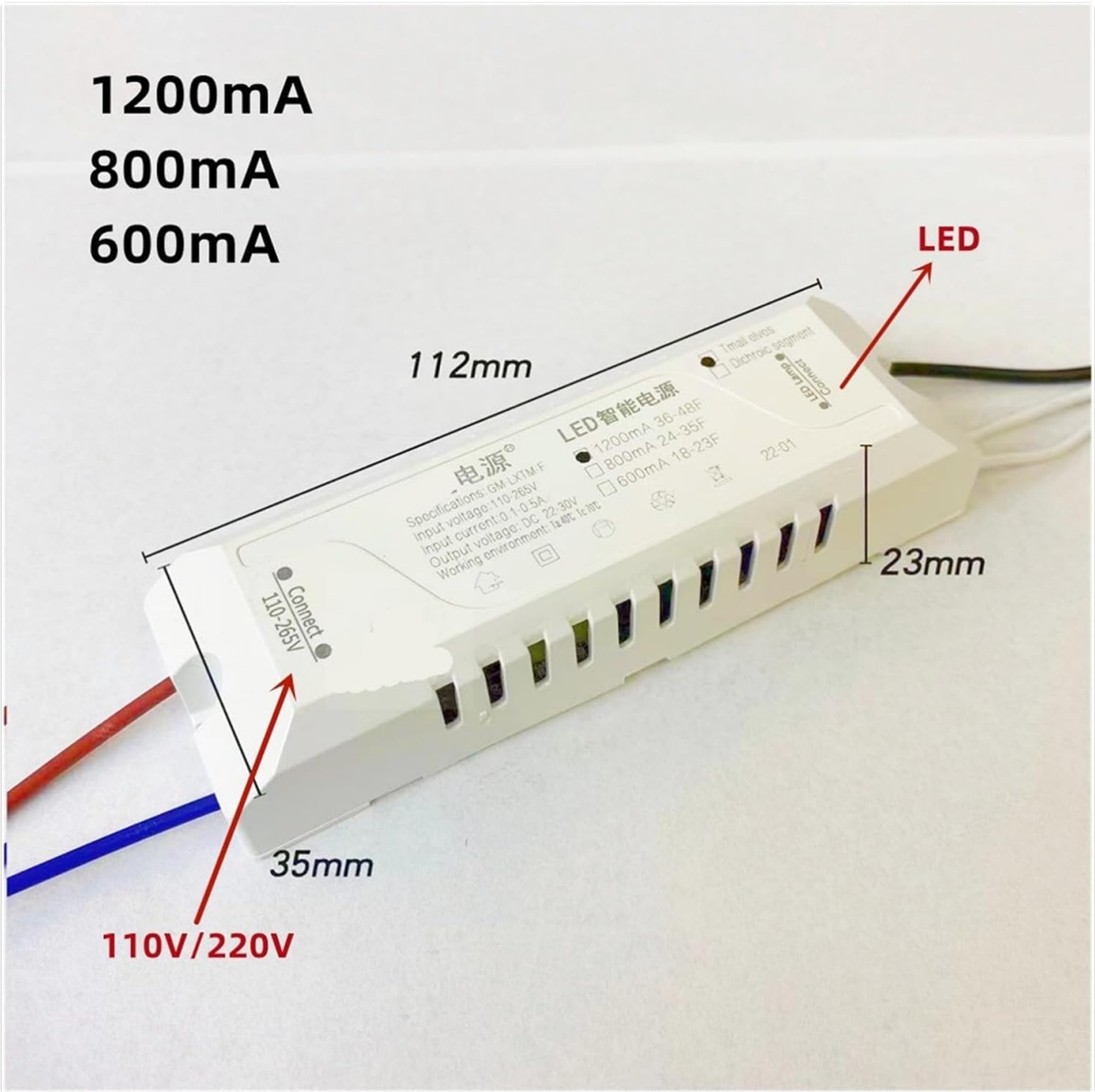


Image 2: Dimensions for 600mA, 800mA, and 1200mA models. Length: 112mm, Width: 35mm, Height: 23mm. Input voltage labeled as 110V/220V.

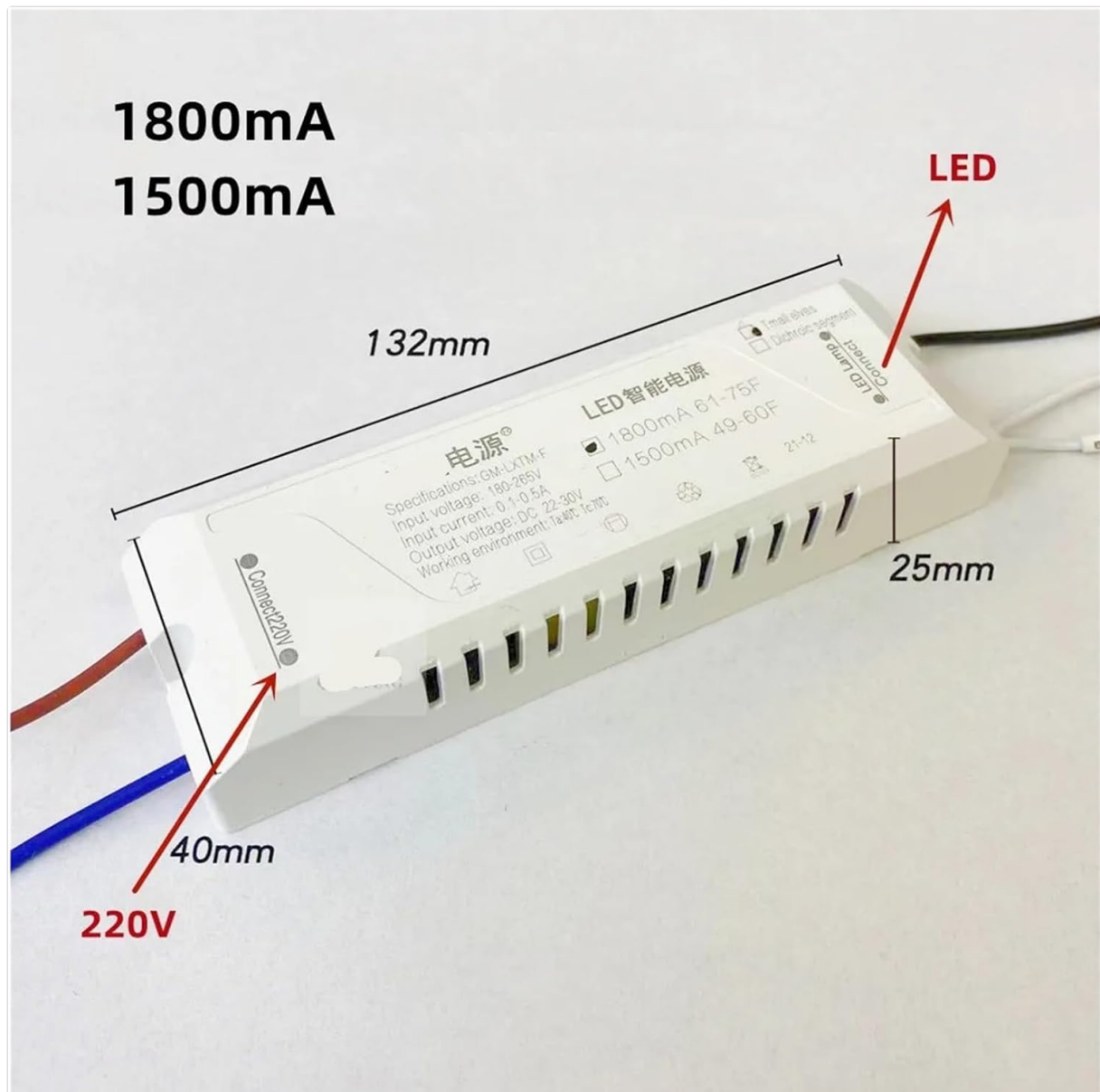


Image 3: Dimensions for 1500mA and 1800mA models. Length: 132mm, Width: 40mm, Height: 25mm. Input voltage labeled as 220V.

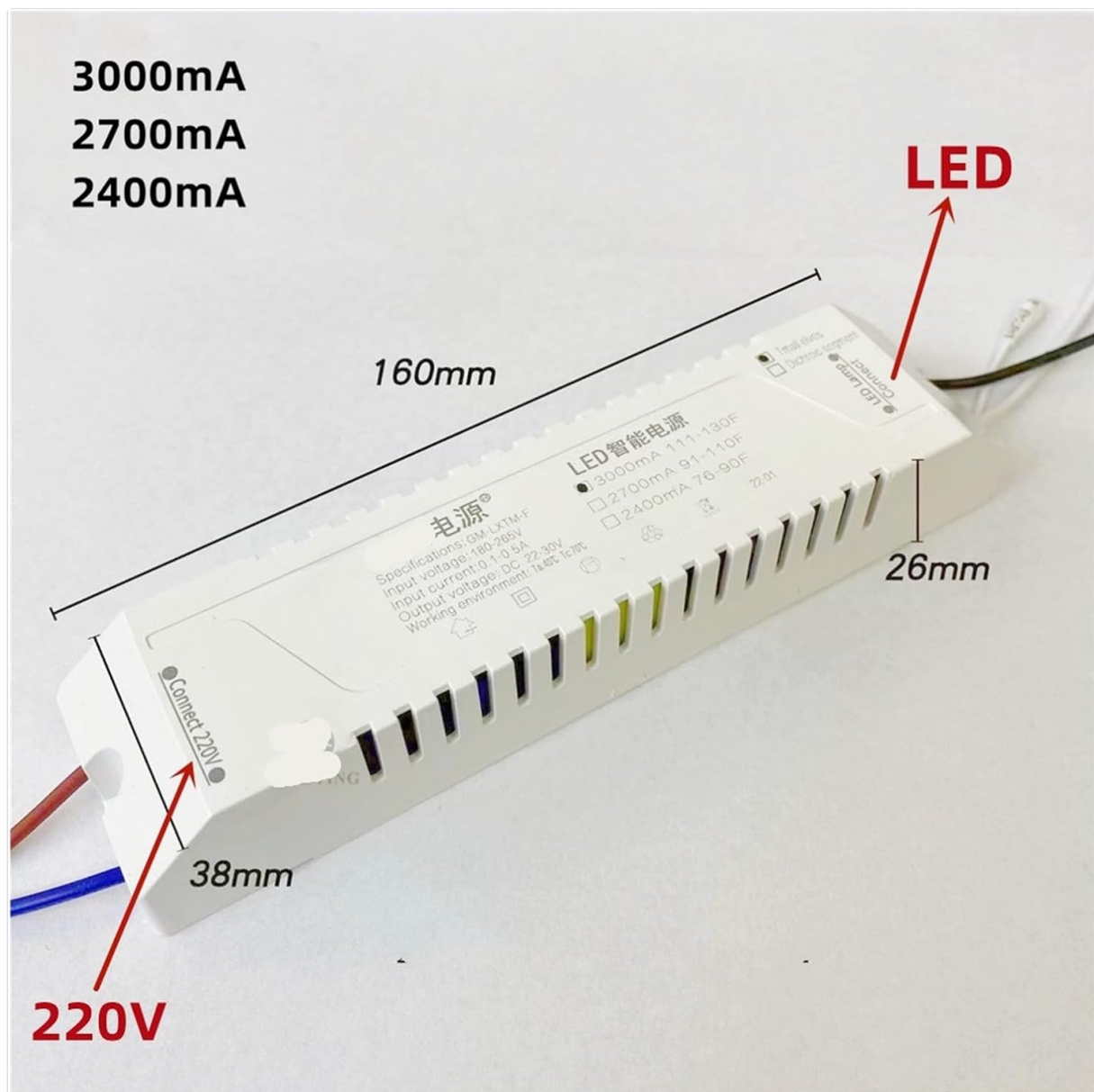


Image 4: Dimensions for 2400mA, 2700mA, and 3000mA models. Length: 160mm, Width: 38mm, Height: 26mm. Input voltage labeled as 220V.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the retailer from whom you purchased this product. Keep your purchase receipt as proof of purchase.