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› SUNVIE 60W Low Voltage Landscape Transformer User Manual

SUNVIE LVTMH60W

SUNVIE 60W Low Voltage Landscape Transformer User Manual

Model: LVTMH60W

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your SUNVIE 60W Low Voltage Landscape Transformer. Please read these instructions thoroughly before use and retain them for future reference.



Image 1: The SUNVIE 60W Low Voltage Landscape Transformer, showing its compact design and connection points.

2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- This transformer converts 120V AC to 12V DC. It is compatible only with low voltage LED landscape lights. Do not use with Halogen lights.

- The total wattage of connected lights must not exceed 80% of the transformer's wattage (e.g., for a 60W transformer, total load should not exceed 48W).
- Install the transformer in a location protected from direct water exposure, although it is weatherproof.
- The external photocell sensor allows for indoor transformer installation while the sensor is mounted outdoors.

3. PACKAGE CONTENTS

- 1 x SUNVIE 60W Low Voltage Landscape Transformer
- 1 x External Photocell Sensor with UL-listed 6.8ft power cord
- Mounting hardware (screws and anchors)

4. PRODUCT OVERVIEW

The transformer features a main unit with input and output cables, a control button, and indicator lights for various modes. An external photocell sensor is included for automatic operation.



Image 2: Front view of the transformer, highlighting the manual ON/OFF button, Dusk to Dawn, Countdown, and Memory functions.

5. SETUP

5.1 Mounting the Transformer

1. Choose a suitable wall-mount location. Ensure it is at least 1 foot (30 cm) above ground.
2. Use the provided mounting hardware to securely attach the transformer to a stable surface.

5.2 Connecting the Photocell Sensor

The external photocell sensor is designed for flexible placement. Connect the sensor cable to the designated port on the transformer. The sensor can be mounted outdoors to detect ambient light, while the transformer unit can be installed indoors for protection.



Image 3: Detail of the external photocell sensor connection and the terminal output ends for landscape lights. Remember to open the cover of the photocell sensor before use.

5.3 Wiring Landscape Lights

Connect the wires from your low voltage LED landscape lights to the terminal output ends (12V DC) on the transformer. Ensure all connections are secure. The total wattage of all connected lights must not exceed 60W, and for optimal performance and safety, it is recommended to keep the load below 80% of the transformer's capacity (48W).

Your browser does not support the video tag.

Video 1: Official SUNVIE guide on how to install and use the transformer, including wiring instructions.

6. OPERATING MODES

The transformer offers multiple operating modes, easily selectable by pressing the control button.

- **OFF:** The lights remain off.
- **ON:** The lights remain continuously on.
- **AUTO (Dusk to Dawn):** The transformer automatically turns on the lights at dusk and turns them off at dawn, based on the external photocell sensor's detection.
- **Countdown Timer (2H/4H/6H/8H/10H):** The transformer automatically turns on the lights at dusk and turns them off after the selected duration (2, 4, 6, 8, or 10 hours).

Memory Function

The transformer includes a memory function. If power is interrupted, the unit will resume the last set operating mode once power is restored, eliminating the need for frequent readjustment.

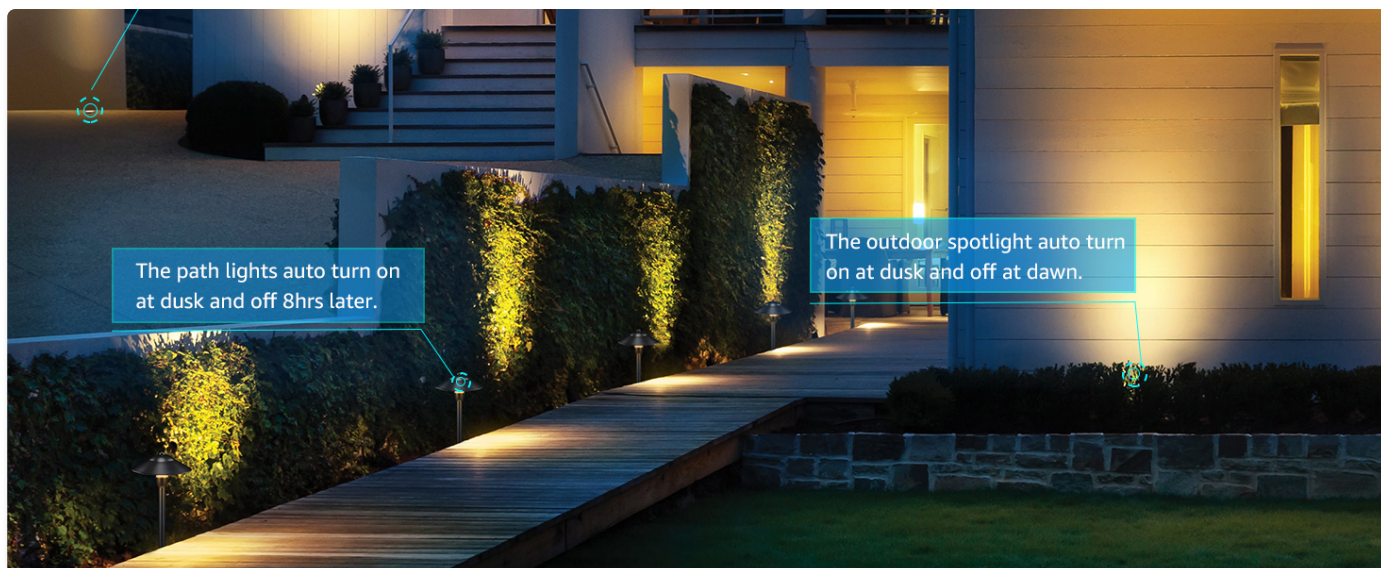


Image 4: Visual representation of the memory function, indicating that the transformer retains its last setting after a power cycle.

7. MAINTENANCE

The SUNVIE 60W Low Voltage Landscape Transformer is designed for durability and weather resistance.

- **Weatherproof Design:** Internal electronic components are sealed with silicone, providing waterproof and dustproof protection against various harsh weather conditions.
- **Cleaning:** Periodically wipe the exterior of the transformer with a damp cloth to remove dirt and debris. Ensure the unit is unplugged before cleaning.
- **Photocell Sensor:** Keep the photocell sensor clean and free from obstructions (e.g., leaves, dirt) to ensure accurate light detection for AUTO and Countdown modes.

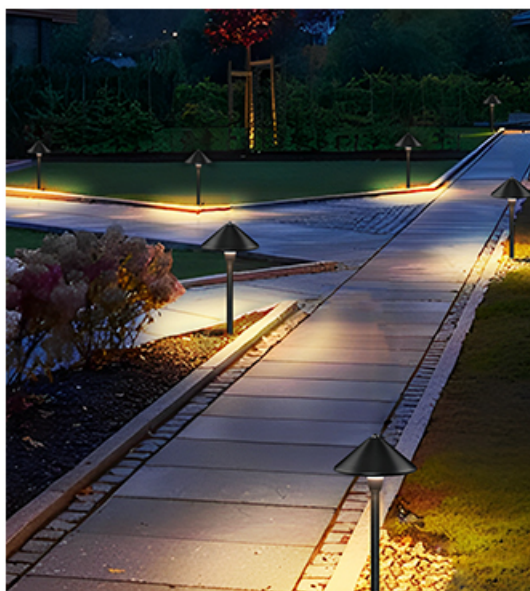


Image 5: Highlights the weather-durable, overload/short circuit protection, and corrosion-resistant features of the transformer.

8. TROUBLESHOOTING

- **Lights Not Turning On:**
 - Check if the transformer is properly plugged into a working 120V AC outlet.
 - Verify the selected operating mode (OFF, ON, AUTO, Countdown).
 - Ensure the photocell sensor is clean and exposed to light (for AUTO/Countdown modes).
 - Inspect all wiring connections to the landscape lights for looseness or damage.
 - Confirm the total wattage of connected lights does not exceed the transformer's capacity (60W max, 48W recommended).
- **Automatic Circuit Breaker:** The transformer has a built-in automatic circuit breaker. If a short circuit or overload occurs, the power will automatically cut off to protect your fixtures. Disconnect the power, check for faults in your lighting system, and then reconnect.
- **Mode Not Retained:** The memory function should retain the last setting. If not, ensure the power supply is stable.

9. SPECIFICATIONS

Feature	Specification
Brand	SUNVIE
Model	LVTMH60W
Power Source	Corded Electric
Input Voltage	120V AC
Output Voltage	12V DC
Wattage	60W
Product Dimensions (D x W x H)	3.94" x 3.94" x 3.94"
Mounting Type	Wall Mount
Minimum Frequency	50 Hz
Certifications	FCC
Included Components	60W low voltage transformer



Image 6: Detailed view of the transformer, including its dimensions and UL-listed cable specifications.

10. WARRANTY AND SUPPORT

SUNVIE provides a **12-month replacement warranty** for this product. Additionally, we offer a **lifetime after-sales support guarantee** to ensure your satisfaction.

For any questions, technical assistance, or warranty claims, please contact SUNVIE customer support. Refer to the product packaging or the official SUNVIE website for contact information.

Your browser does not support the video tag.

Video 2: An overview video of the SUNVIE 60W Low Voltage Transformer, demonstrating its features and ease of use.

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Question

Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question