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> YACAISI Solar Street Light (Model AU-APL-JZ-300W-2PACK-NEW) Instruction Manual

YACAISI AU-APL-JZ-300W-2PACK-NEW

YACAISI Solar Street Light Instruction Manual

Model: AU-APL-JZ-300W-2PACK-NEW

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your YACAISI Solar Street Light. Please read this manual thoroughly before use to ensure proper function and safety. This product is designed to provide efficient and reliable outdoor illumination using solar power, featuring motion sensing and remote control capabilities.



Image: YACAISI Solar Street Light providing bright illumination in an outdoor setting.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 2 x Solar Street Lights
- 2 x Remote Controls
- 4 x Expansion Screws
- Installation Accessories (screws, plugs)
- Instruction Manual

PACKAGE CONTAINS



Tips: Wall Mount Only



Image: All components included in the YACAISI Solar Street Light package.

SPECIFICATIONS

Feature	Detail
Brand	YACAISI
Model Number	AU-APL-JZ-300W-2PACK-NEW
Light Source	63pcs 5054 High-Power LED Lamp Beads
Color Temperature	8500 Kelvin
Brightness	3000 Lumens
Wattage	300 Watts
Solar Panel	6V/5W Polycrystalline, 25% Conversion Rate
Battery Capacity	5000mAh
Charging Time	4-6 hours (full sunlight)

Feature	Detail
Illumination Time	10-12 hours (fully charged)
Motion Sensor Range	15-30 feet
Water Resistance	IP65 Waterproof Grade
Material	Acrylonitrile Butadiene Styrene
Product Dimensions	4.5"L x 4.5"W x 6"H
Mounting Type	Wall Mount



Image: Detailed view of the 5054 LED beads and independent reflective cups.

SETUP & INSTALLATION

The YACAISI Solar Street Light is designed for easy, wire-free installation. Follow these steps for optimal performance:

1. **Choose a Location:** Select a location that receives direct sunlight for 4-6 hours daily to ensure the solar panel charges effectively. Recommended mounting height is 12-25 feet for optimal light coverage.

2. **Mount the Arm:** Use the provided expansion screws to securely attach the lamp arm to a wall or suitable surface. Ensure the mounting is stable.
3. **Attach the Light Body:** Align the holes on the light body with the lamp arm and secure it using the provided screws.
4. **Initial Charge:** For first-time use, allow the solar light to charge in direct sunlight for a full day (4-6 hours) before activating it.



Image: Visual guide for mounting the solar street light.

Installation Video

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Video: Demonstrates the unboxing, remote control setup, and installation process of the YACAISI Solar Street Light.

OPERATING INSTRUCTIONS

Your YACAISI Solar Street Light comes with a remote control for convenient operation. Ensure batteries are installed in the remote control before use.

Remote Control Functions:



Image: Remote control for adjusting light settings.

- **ON/OFF:** Turns the light on or off. When turned off, the light will automatically turn on at dusk and off at dawn.
- **AUTO (Dusk-to-Dawn):** Activates the dusk-to-dawn mode, where the light automatically turns on at dusk and off at dawn.
- **Motion Sensor Mode (Radar):**
 - **Sensor 1:** When motion is detected (15-30ft), the light turns on at 100% brightness. Otherwise, it stays at 30% brightness.
 - **Sensor 2:** When motion is detected (15-30ft), the light turns on at 100% brightness. Otherwise, it turns off completely.
- **Timer Settings (3H/5H/8H):** Sets the duration for continuous lighting in motion sensor mode (Sensor 1).
- **Brightness Adjustment (+/-):** Increases or decreases the light brightness (25%-100% adjustable).



Image: Explanation of different lighting modes, including motion sensor and steady-on options.

CHARGING

The solar panel charges the internal battery during daylight hours. The actual working time and required charging time are influenced by sunlight intensity and weather conditions. Ensure the solar panel is clean and free from obstructions for efficient charging.



Image: Solar light charging during the day and illuminating at night.

MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum charging efficiency.
- **Battery:** The product uses a built-in 5000mAH battery. For prolonged periods of non-use, place the product in a sunny location once a month to maintain battery function.
- **Weather Resistance:** The IP65 waterproof grade ensures durability in various weather conditions, including rain and snow. However, extreme weather may temporarily affect performance.

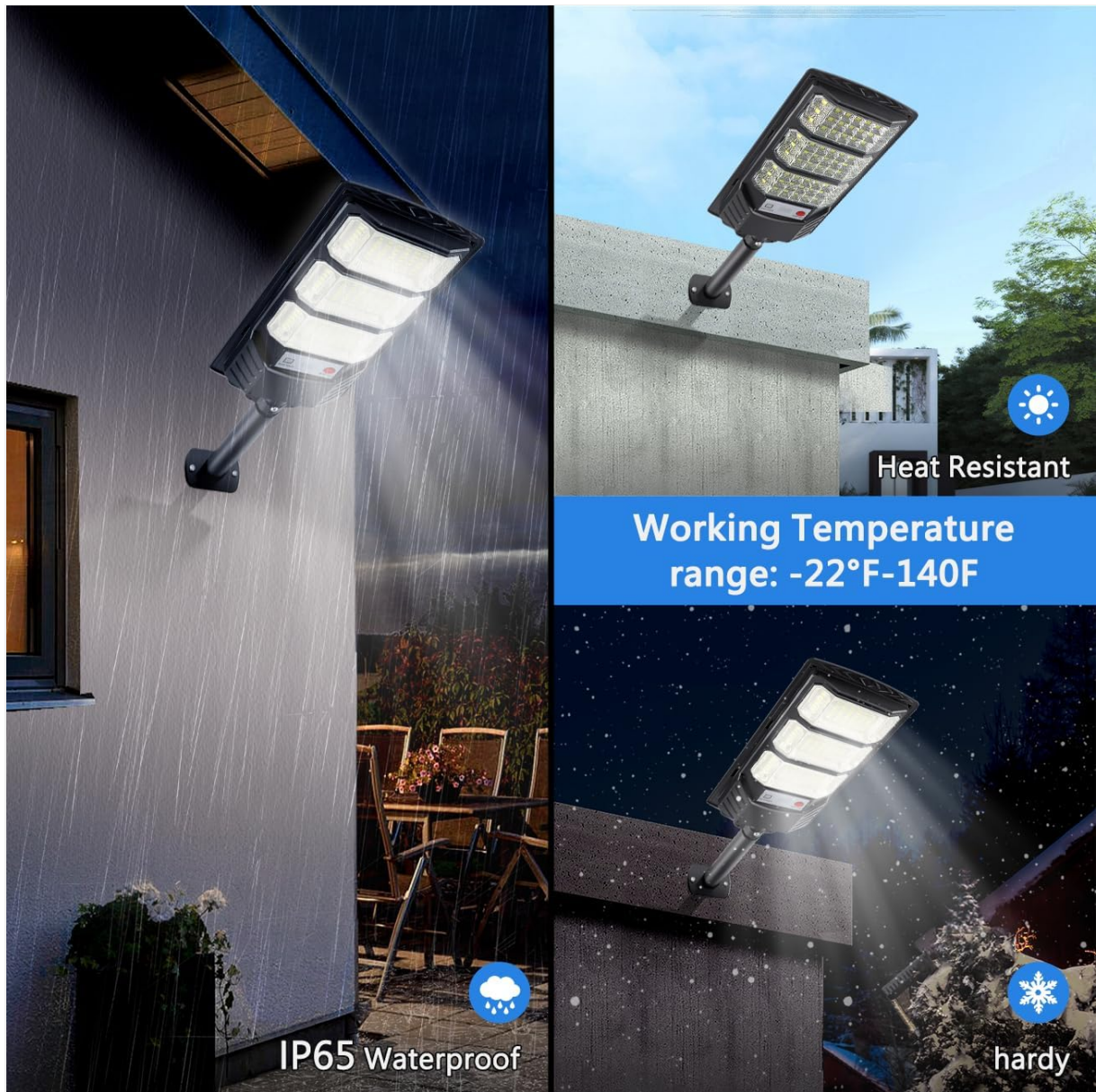


Image: Demonstrates the light's waterproof and weather-resistant features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge; ON/OFF switch is off; remote control issue.	Ensure solar panel receives direct sunlight for 4-6 hours. Check ON/OFF switch on the light and remote. Replace remote batteries.
Light is dim or turns off quickly.	Inadequate charging due to cloudy weather or obstructions; low battery.	Clean solar panel. Relocate light to a sunnier spot. Allow several days of full charge.
Motion sensor not detecting movement.	Sensor obstructed; incorrect mode selected.	Ensure sensor is clear. Verify "Sensor 1" or "Sensor 2" mode is active on the remote.

WARRANTY & SUPPORT

YACAISI offers a 24-month comprehensive support for this product. If you have any questions or require

assistance, please contact YACAISI-US customer service. You can reach them via email at EmailYacaisi@163.com. They aim to respond within 48 hours.

SAFETY INFORMATION

- Do not disassemble or modify the product.
- Keep away from fire or high temperatures.
- Avoid direct eye exposure to the LED light.
- Ensure stable mounting to prevent the light from falling.