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MEIKEE SL-SP04

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Model: SL-SP04

Brand: MEIKEE

INTRODUCTION

The MEIKEE Solar Spot Lights are designed to provide efficient and versatile outdoor lighting for your garden, yard, pathways, and driveways. Featuring solar-powered operation, multiple color temperatures, adjustable brightness, and smart automation, these lights offer a convenient and energy-saving solution for enhancing your outdoor ambiance. They are built with IP66 waterproof construction to withstand various weather conditions.

SAFETY INFORMATION

- Ensure all connections are secure before operation.
- Do not attempt to disassemble or modify the product, as this may void the warranty and pose a safety risk.
- Keep the solar panel clean and free from obstructions to ensure optimal charging efficiency.
- Avoid placing the solar panel in shaded areas, as this will reduce charging performance.
- This product is designed for outdoor use only.
- Do not immerse the control box or lights in water, despite their waterproof rating.

WHAT'S IN THE BOX

- Solar Spotlights with Solar Panel
- Remote Control
- Screws and User Manual
- Ground Spikes



Figure 1: Overview of MEIKEE Solar Spot Lights components.

SETUP

1. Unpacking and Initial Charge

Carefully remove all components from the packaging. Before first use, ensure the solar panel receives 6-8 hours of direct sunlight for an initial full charge. This will optimize battery performance.



Figure 2: Unboxing the MEIKEE Solar Spot Lights.

2. Assembly and Connection

The system consists of a solar panel, a control box, and multiple spotlights. Connect the spotlights to the control box and the solar panel to the control box using the provided cables. The connections are designed for easy plug-and-play assembly.



Figure 3: Assembly diagram of the solar light system.

3. Installation Options

You have two primary installation methods:

- **Ground Stake Installation:** Attach the ground spikes to the spotlights and firmly insert them into the ground in your desired location. Ensure the solar panel is also staked in an area receiving maximum direct sunlight.
- **Wall Mount Installation:** Use the provided screws and wall mounts to secure the spotlights and/or the solar panel to a wall or fence.



Figure 4: Ground stake installation and IP66 waterproof feature.

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Video 1: MEIREE 4-in-1 Solar Spotlights for Outdoor Garden Path Yard. This video demonstrates the components, assembly, and various features of the solar spotlights, including their waterproof design and lighting modes.

OPERATING INSTRUCTIONS

1. Automatic Operation (Dusk to Dawn)

The MEIREE Solar Spot Lights are equipped with a light sensor. They will automatically charge during the day and illuminate at dusk, turning off at dawn. Ensure the solar panel is not obstructed by light sources at night, as this may prevent the lights from turning on.



Figure 5: Daytime charging and nighttime automatic illumination.

2. Remote Control Functions

Use the included remote control to customize your lighting experience:

- **ON/OFF:** Power the lights on or off.
- **Brightness Adjustment:** Select between Low (350LM), Medium (500LM), and High (650LM) brightness levels.
- **Color Temperature Selection:** Choose from 2700K (Warm White), 4000K (Neutral White), or 6500K (Cool White) to set the desired ambiance.
- **Smooth Mode:** Lights gradually transition between the three color temperatures.
- **Flash Mode:** Lights quickly jump between the three color temperatures.
- **Timer Function:** Set the lights to automatically turn off after 2, 4, or 6 hours.
- **Memory Function:** The lights will remember your last selected settings (brightness, color, mode) when they turn on again.

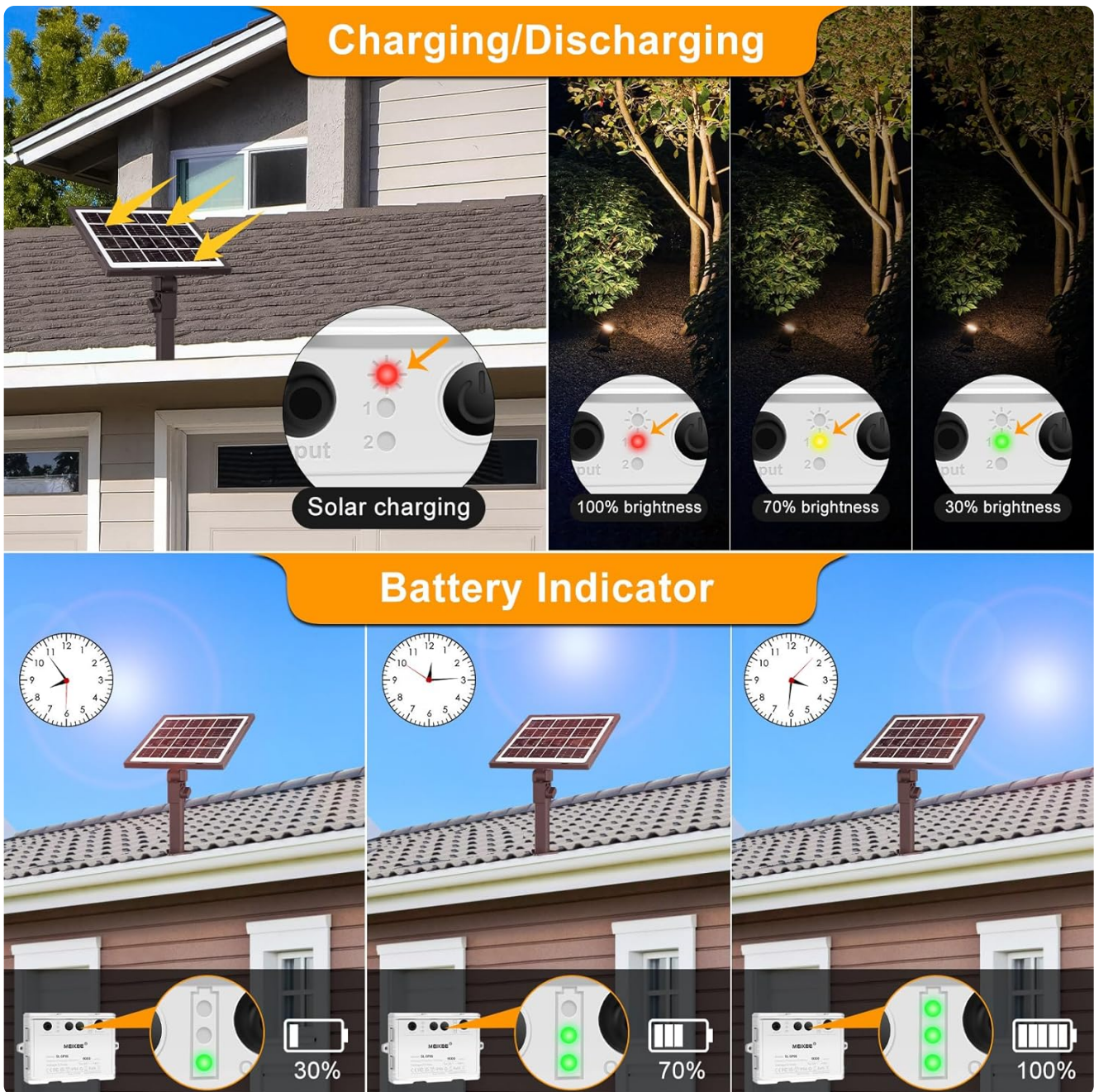


Figure 6: Remote control functions for MEIREE Solar Spot Lights.

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Video 2: MEIREE 4-in-1 solar spotlights outdoor for garden yard path. This video showcases the remote control features, including brightness adjustment, color temperature changes, and timing functions in various outdoor settings.

MAINTENANCE

- **Solar Panel Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may accumulate and reduce charging efficiency.
- **Connection Check:** Periodically inspect all cable connections to ensure they are secure and free from corrosion.
- **Battery:** The product uses a built-in Lithium Polymer battery (5000mAh). This battery is not user-replaceable. For optimal longevity, ensure the unit receives sufficient sunlight daily.
- **Weather Resistance:** The IP66 waterproof rating ensures the lights can withstand harsh weather conditions like rain and snow. However, avoid prolonged submersion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights not turning on at night.	Insufficient solar charge.	Ensure solar panel is in direct sunlight for 6-8 hours daily. Clean the solar panel.
	Solar panel obstructed by other light sources at night.	Relocate the solar panel away from streetlights or other bright lights.
	Loose connections.	Check all cable connections between the solar panel, control box, and spotlights.
Lights not staying on long.	Insufficient daily charge.	Ensure optimal solar panel placement for maximum sun exposure.
	Battery degradation over time.	Battery life may decrease after prolonged use (typically 2-3 years).
Remote control not working.	Obstruction between remote and control box.	Ensure clear line of sight to the control box.
	Remote battery low/dead.	Replace the remote control battery (if applicable, not specified in input).

SPECIFICATIONS

Feature	Detail
Brand	MEIKEE
Model Name	solar landscape spotlights
Item Model Number	SL-SP04
Power Source	Solar Powered
Voltage	6 Volts
Wattage	4 Watts
Light Source Type	LED
Light Color / Color Temperature	2700K (Warm White) / 4000K (Neutral White) / 6500K (Cool White)
Brightness	350LM (Low), 500LM (Medium), 650LM (High)
Battery	1 Lithium Polymer battery required (included), 5000mAh
Charging Time	6-8 hours (direct sunlight)
Working Time	8-12 hours (after full charge)
Water Resistance Level	IP66 Waterproof
Material	Acrylonitrile Butadiene Styrene
Product Dimensions	7"L x 8"W x 3.5"H
Item Weight	3.12 pounds
Special Features	Dusk to dawn, 2/4/6 hours timing, memory function, remote control

WARRANTY AND SUPPORT

MEIKEE products typically come with a manufacturer's warranty. For specific warranty details, product support, or any inquiries, please refer to the contact information provided in your product packaging or visit the official MEIKEE website. You can also reach out to the seller directly through the platform where you purchased the product.

As per MEIKEE's brand story, they are responsible for MEIKEE products for 2 years on your purchase. You can send an email via Amazon or the email address on the instruction manual for timely response within 24 hours.