

MEIKEE 620022BP1-RFCW-D-MSL-TY01

MEIKEE Solar Light Instruction Manual

Model: 620022BP1-RFCW-D-MSL-TY01
Brand: MEIKEE

INTRODUCTION

Thank you for purchasing the MEIKEE Solar Light. This manual provides detailed instructions for the setup, operation, and maintenance of your new solar-powered sensor light. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

PRODUCT FEATURES

- **Advanced 5-Lamp Design:** Features a high-brightness concentrating lens and 5-sided illumination for a maximum irradiation distance of approximately 5 meters and a wide 270° lighting range.
- **Split Design with 5M Cable:** The solar panel and light unit are separate, offering greater flexibility in installation. The 5-meter cable allows for optimal solar panel placement.
- **Adjustable Color Temperature & Stepless Dimming:** Choose from 3 color temperatures (Warm White 2700K, Neutral White 4000K, Daylight White 6500K) and enjoy stepless dimming via remote control to suit any scene or atmosphere.
- **5 Intelligent Lighting Modes:** Includes Night Human Sensor Mode, DIM Mode, 24-Hour Human Sensor Mode, 2-Hour Forced Lighting Mode, and Always-On Mode (Darkness Sensor Mode) for versatile use.
- **Dual Charging Options & 4000mAh Battery:** Supports both solar charging (approx. 8 hours for full charge) and Type-C charging. Equipped with a large capacity 4000mAh battery for 6-12 hours of illumination.
- **Battery Level Indicator:** The main unit features a battery percentage display and mode indicator lights for convenient monitoring.
- **Remote Control Operation:** Easily switch lighting patterns and color temperatures from a distance.
- **Easy Installation:** No complex wiring required, allowing for simple setup in various outdoor locations.
- **Durable & Weatherproof:** Designed for outdoor use in various conditions, including power outages, earthquakes, typhoons, and floods.

SETUP AND INSTALLATION

The MEIKEE Solar Light is designed for easy installation without the need for complex wiring. Follow these steps for optimal performance:

1. **Choose a Location:** Select a location for the solar panel that receives direct sunlight for at least 6-8 hours daily. The light unit can be installed in a desired area, even if it's shaded, thanks to the 5-meter connecting cable.
2. **Mount the Solar Panel:** Use the provided screws and anchors to securely mount the solar panel to a wall or other stable surface. Ensure it is angled to maximize sun exposure.
3. **Mount the Light Unit:** Install the light unit in your desired location (e.g., entrance, garage, garden, balcony) using the appropriate mounting hardware. The adjustable LED panels allow you to direct light as needed.
4. **Connect the Cables:** Connect the cable from the solar panel to the light unit. Ensure the connection is secure and waterproof.
5. **Initial Charge:** Allow the solar light to charge for a full day in direct sunlight before first use to ensure the battery is adequately charged. Alternatively, use the Type-C charging port for a quicker initial charge (3-4 hours).



Image: Overview of the MEIKEE Solar Light, showing the main light unit, separate solar panel, and remote control. The light unit features multiple adjustable LED panels.

五つの知能モード

 MODE 1 	 夜になると、人や動物の動きを感知すると100%高輝度点灯します。動きがなくなると約30秒後消灯になります。
 MODE 2 	 夜になると、低輝度で点灯して、人や動物の動きを感知すると100%高輝度点灯します。動きがなくなると約30秒後低輝度になります。
 MODE 3 	 全天24時間に、人や動物の動きを感知すると100%高輝度点灯します。動きがなくなると約30秒後消灯になります。
 MODE 4 	 強制的に85%輝度で2時間連続点灯します。
 MODE 5 	 夜になると、低輝度で常時点灯します。昼間や明るい場所に、自動的に消灯します。

Image: Detailed diagram illustrating the dimensions of the light unit (24cm diameter) and solar panel (18.5cm x 18cm), along with the 0.5m cable from the light and 4.5m extension cable from the solar panel. Key components like 152 LEDs, waterproof connector, and adjustable LED panels are highlighted.

OPERATING INSTRUCTIONS

The MEIKEE Solar Light can be operated using the included remote control. Ensure the remote control has working batteries.

Lighting Modes:

The light offers 5 intelligent lighting modes, selectable via the remote control:

- **Mode 1 (Night Human Sensor Mode):** At night, the light turns on at 100% brightness when motion is detected. It turns off approximately 30 seconds after motion ceases.
- **Mode 2 (DIM Mode):** At night, the light stays on at low brightness. When motion is detected, it brightens to 100% and returns to low brightness approximately 30 seconds after motion ceases.

- **Mode 3 (24-Hour Human Sensor Mode):** The light turns on at 100% brightness when motion is detected, both day and night. It turns off approximately 30 seconds after motion ceases.
- **Mode 4 (2-Hour Forced Lighting Mode):** The light stays on continuously at 85% brightness for 2 hours, regardless of motion or ambient light.
- **Mode 5 (Always-On Mode / Darkness Sensor Mode):** At night, the light stays on continuously at low brightness. It automatically turns off during the day or in bright conditions.

ソーラー充電で電気代不要

太陽光発電！昼間にソーラーエネルギーで自動充電し、太陽エネルギーを電気に変換します。

2種類充電方式



ソーラー
充電式



充電時間
6-8H



Type-c
充電式



充電時間
3-4H



4000
mAh
Battery

Image: Visual representation of the five intelligent lighting modes, showing how the light behaves in response to motion and ambient light conditions for each mode.

Color Temperature and Dimming:

Use the remote control to adjust the light's color temperature and brightness:

- **Color Temperature Selection:** Press the dedicated buttons on the remote to switch between Warm White (2700K), Neutral White (4000K), and Daylight White (6500K).
- **Stepless Dimming:** Use the brightness adjustment buttons on the remote for fine-tuning the light intensity from

2700K to 6500K.



☀ 無段階調光調色

2H/3H/4Hタイマー機能 ⌚



Image: Depicts the stepless dimming capability and the three selectable color temperatures: Warm White (2700K), Neutral White (4000K), and Daylight White (6500K), demonstrating the visual difference of each setting.

Timer Function:

The light features a timer function to automatically turn off after a set period, helping to conserve energy:

- Select 2H, 3H, or 4H on the remote control to set the light to turn off automatically after 2, 3, or 4 hours, respectively.

CHARGING THE LIGHT

Your MEIKEE Solar Light supports two charging methods:

- **Solar Charging:** The primary charging method. Ensure the solar panel is placed in an area that receives ample direct sunlight. A full charge typically takes about 8 hours of direct sun exposure. Charging efficiency may vary depending on weather conditions.

- **Type-C Charging:** For faster charging or during periods of low sunlight, you can use a Type-C cable to charge the light. A full charge via Type-C typically takes 3-4 hours.

The light unit features an indicator that displays the battery percentage and the currently active lighting mode, allowing you to easily monitor the battery status.

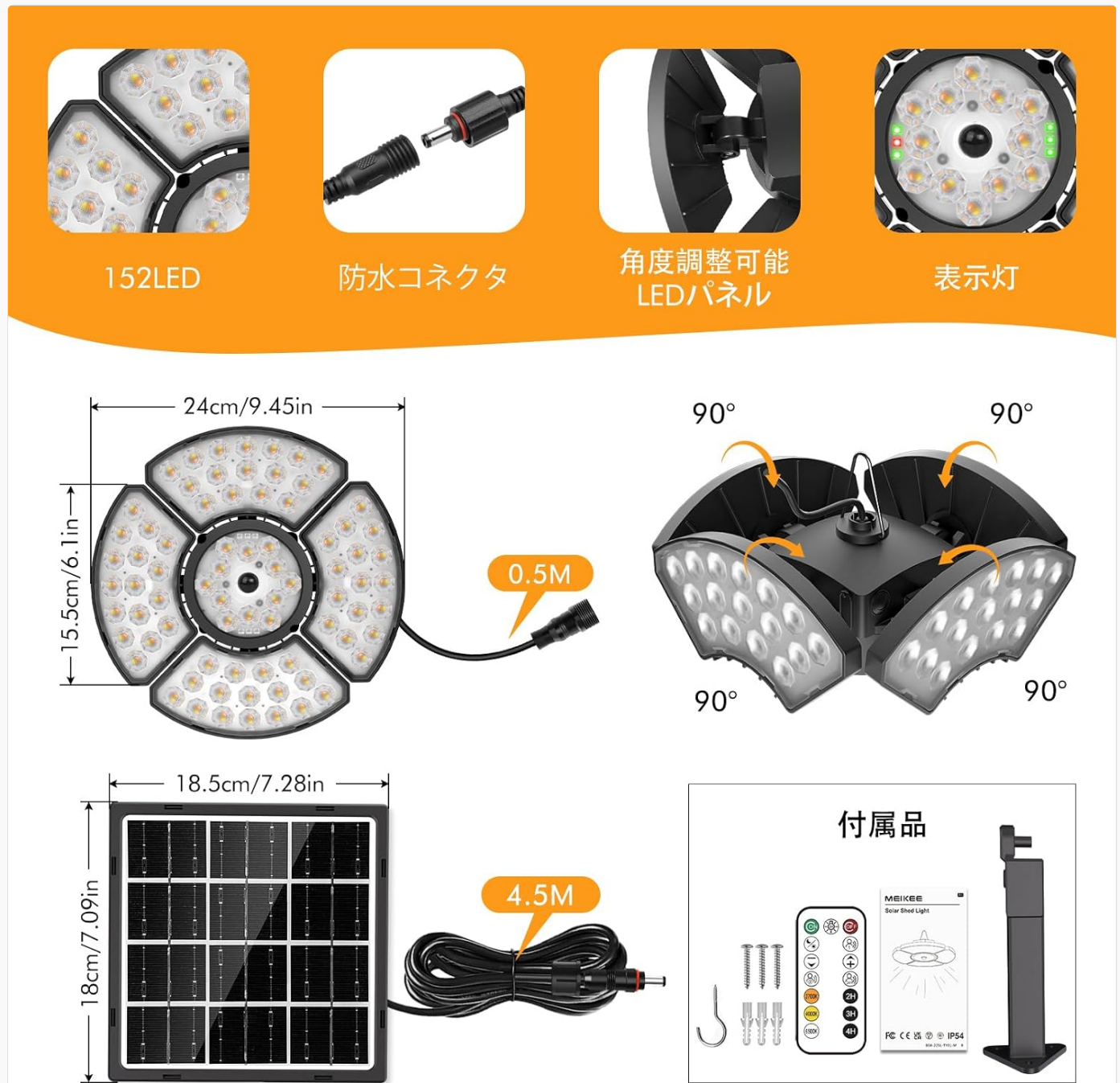


Image: Illustration demonstrating both solar charging (via the solar panel) and Type-C charging methods for the MEIKEE Solar Light, highlighting charging times for each.

MAINTENANCE

To ensure the long-term performance and efficiency of your MEIKEE Solar Light, follow these simple maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Clean the Light Unit:** Periodically clean the LED panels and sensor lens to ensure optimal light output and motion detection.

- **Check Connections:** Occasionally inspect the cable connections between the solar panel and the light unit to ensure they remain secure and free from corrosion.
- **Battery Care:** While the light has a built-in battery, avoid prolonged storage in a completely discharged state. If storing for an extended period, ensure the battery is fully charged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge. Battery is low.	Ensure solar panel receives direct sunlight for 6-8 hours. Clean the solar panel. Charge via Type-C if sunlight is consistently low.
Motion sensor not working.	Sensor lens is dirty or obstructed. Light is in an incorrect mode.	Clean the sensor lens. Use the remote control to select an appropriate motion sensor mode (Mode 1, 2, or 3).
Light is dim or flickers.	Low battery charge.	Allow the light to charge fully in direct sunlight or via Type-C.
Remote control not responding.	Remote battery is dead. Obstruction between remote and light.	Replace remote control batteries. Ensure clear line of sight to the light unit.
Light stays on during the day.	Light is in 24-Hour Human Sensor Mode (Mode 3) or 2-Hour Forced Lighting Mode (Mode 4).	Switch to a mode that utilizes the darkness sensor (Mode 1, 2, or 5).

SPECIFICATIONS

Feature	Detail
Model Number	620022BP1-RFCW-D-MSL-TY01
LED Chips	152 (Concentrating Lens Type)
Color Temperature	2700K (Warm White), 4000K (Neutral White), 6500K (Daylight White) - Stepless Dimming
Lighting Modes	5 Intelligent Modes (Night Sensor, DIM, 24H Sensor, 2H Forced, Always-On)
Timer Function	2H / 3H / 4H
Solar Panel	6V / 4W
Battery Capacity	4000mAh Lithium Polymer
Charging Methods	Solar Charging, Type-C Charging
Irradiation Angle	Max 270°

Feature	Detail
Cable Length	Approx. 5 meters
Product Dimensions	10 x 8 x 5 cm (Light unit approx. 24cm diameter)
Product Weight	1.26 kg
Material	ABS + Monocrystalline Silicon
Waterproof Level	IP54

WARRANTY AND SUPPORT

MEIKEE provides a **1-year warranty service** from the date of purchase for this product. If you encounter any issues or have questions, please contact us via Amazon message. We aim to provide a resolution within 24 hours. For further assistance, you may also visit the [MEIKEE Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

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Question

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Details

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

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