Aigostar 196103

Aigostar Solar Outdoor Garden Lamp (Model 196103) - Instruction Manual

Your guide to installation, operation, and maintenance.

1. Introduction

Thank you for choosing the Aigostar Solar Outdoor Garden Lamp. This manual provides essential information for the proper setup, operation, and maintenance of your solar lamps. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

This product is designed to provide warm, decorative lighting for outdoor spaces such as gardens, paths, patios, and yards. It features automatic on/off functionality and is built to withstand various weather conditions.

2. Product Overview

The Aigostar Solar Outdoor Garden Lamp consists of a solar panel, an LED light source, a rechargeable battery, and a ground stake for installation.



Image: Two Aigostar solar garden lamps, illustrating the complete product assembly including the light head, pole, and ground stake.



Image: A detailed view of a single Aigostar solar garden lamp, highlighting the solar panel on top and the LED light bulb inside the clear housing.

3. Setup Instructions

Follow these steps to set up your Aigostar Solar Outdoor Garden Lamp:

1. **Unpack Components:** Carefully remove all parts from the packaging. You should have the lamp head, pole sections, and ground stake.
2. **Activate the Lamp:** Locate the ON/OFF switch, usually found under the solar panel or inside the lamp head. Switch it to the 'ON' position.
3. **Assemble the Lamp:**
    - Attach the pole sections together if they are separate.
    - Connect the assembled pole to the lamp head.
    - Finally, attach the ground stake to the bottom of the pole.
4. **Choose Location:** Select an outdoor location where the solar panel will receive direct sunlight for at least 8-12

hours daily. Avoid areas shaded by trees, buildings, or other obstructions, as this will affect charging efficiency.

5. **Install in Ground:** Gently push the assembled lamp with the ground stake into soft soil. Ensure the lamp is stable and upright. Do not force the stake into hard ground to prevent damage.



Image: A visual guide demonstrating the six steps for assembling the Aigostar solar garden lamp, from opening the lamp head to inserting it into the ground.



Image: A diagram showing 'Solar Crystalline Silicon Charging' with 'Charging Time: 10-12 Hours' and 'Lighting Time: 8-12 Hours', indicating the product's solar efficiency.

4. Operating Instructions

The Aigostar Solar Outdoor Garden Lamp operates automatically once properly set up and activated:

- **Automatic Charging:** During the day, the integrated solar panel converts sunlight into electricity, which is stored in the internal rechargeable battery.
- **Automatic Illumination:** At dusk, a built-in light sensor detects the decrease in ambient light and automatically turns the lamp on.
- **Automatic Shut-off:** At dawn, the light sensor detects the return of daylight and automatically turns the lamp off to begin recharging.
- **Operating Duration:** After a full charge of 10-12 hours in direct sunlight, the lamp can provide illumination for approximately 8-12 hours.



Image: A split image illustrating the lamp's functionality: 'Solar Charging' during the day with a sun icon, and 'Automatic Lights' at night with a moon and stars icon, showing the lamp illuminated.

5. Maintenance

Regular maintenance ensures the optimal performance and extends the lifespan of your solar lamps:

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption for efficient charging.
- **Clear Obstructions:** Ensure that no new obstructions (e.g., growing plants, new structures) are blocking sunlight from reaching the solar panel.
- **Battery Replacement:** The lamp uses 2 AA rechargeable batteries. If the lamp's illumination time significantly decreases after prolonged use and proper charging, the batteries may need replacement. Refer to the product specifications for battery type and replace them with new rechargeable batteries of the same type and capacity. Ensure the ON/OFF switch is in the 'OFF' position before replacing batteries.
- **Winter Care:** In regions with heavy snow or prolonged periods of low sunlight, you may consider storing the lamps indoors during winter months to protect them and prolong battery life.

6. Troubleshooting

If your Aigostar Solar Outdoor Garden Lamp is not functioning as expected, consider the following:

- **Lamp does not turn on at night:**
  - Ensure the ON/OFF switch is in the 'ON' position.
  - Verify the solar panel is receiving sufficient direct sunlight during the day (8-12 hours). Relocate if necessary.
  - Check if the solar panel is dirty or obstructed. Clean it as described in the Maintenance section.
  - Ensure there are no strong light sources (e.g., streetlights, porch lights) near the lamp at night, as these can trigger the light sensor to keep the lamp off.
  - The battery may be depleted or at the end of its lifespan. Try replacing the rechargeable batteries.
- **Lamp illuminates for a short period or is dim:**
  - The solar panel may not be receiving enough sunlight for a full charge. Ensure optimal placement and cleanliness.
  - Weather conditions (overcast days) can reduce charging efficiency. Allow for several sunny days for a full charge.
  - The rechargeable batteries may be old or faulty and require replacement.

7. Specifications

Brand	Aigostar
Model Number	196103
Dimensions (L x W x H)	13 x 13 x 54 cm
Weight	640 grams (per lamp)
Material	Plastic
Color	Warm Light A (Black housing, warm LED)
Light Source	LED (3000K Warm Light)
Power	0.3W
Luminous Flux	10 lm
Battery	2 x AA rechargeable batteries (included)
Charging Time	10-12 hours (direct sunlight)
Lighting Time	8-12 hours (after full charge)
Waterproof Rating	IP44 (Resistant to dust and splashing water)
Special Features	Solar Powered, Automatic On/Off, Durable
Installation Type	Ground Mount

8. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Aigostar customer service directly. Keep your purchase receipt as proof of purchase.

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