GRIFEMA GD203-2

GRIFEMA GD203-2 Outdoor Solar Garden Light with Motion Sensor User Manual

1. Product Overview

The GRIFEMA GD203-2 is an outdoor solar garden light equipped with a motion sensor and 100 LEDs, designed for various outdoor applications such as entrance doors, gardens, and garages. It features an IP65 waterproof rating, ensuring durability against weather conditions. This product offers three distinct lighting modes to suit different needs and is designed for easy, wire-free installation.



A pair of GRIFEMA GD203-2 solar garden lights, featuring a solar panel, motion sensor, and LED lights, designed for outdoor wall mounting.

2. Key Features

- **Three Lighting Modes:** Offers versatile lighting options including motion-activated, dim-to-bright, and constant low brightness.
- **PIR Motion Sensor:** Detects movement within 3-5 meters at a 180° angle, activating the light automatically.
- **100 LED Illumination:** Provides bright and wide 270° lighting coverage.
- **IP65 Waterproof:** Designed to withstand various weather conditions for enhanced durability.
- **Solar Powered:** Energy-efficient operation with no wiring required.
- **Easy Installation:** Simple screw-based mounting process.

3. Setup and Installation

Follow these steps for proper installation of your GRIFEMA GD203-2 solar garden light:

1. **Choose a Location:** Select a sunny spot where the solar panel can receive direct sunlight for 6-8 hours daily to ensure optimal charging. The recommended optimal mounting height is 2-4 meters.
2. **Mark and Drill:** Use a drill tool to make screw holes at the desired mounting location.
3. **Mount the Light:** Align the light with the drilled holes and tighten the provided screws to secure the light to the wall.
4. **Select Operating Mode:** Turn on the light and choose your preferred lighting mode (see Section 4: Operating Instructions).



Illustrated instructions for easy installation, showing how to make a screw hole, tighten the screws to mount the light, and then select the desired lighting mode.



Examples of the GRIFEMA solar light installed in different outdoor settings, including a garage, a side wall, and above an entrance door, highlighting its compact size and versatility.

4. Operating Instructions

The GRIFEMA GD203-2 solar light features three operating modes. You can select the desired mode using the button on the unit.

- **Mode 1: Motion Activated (OFF-to-ON)**
  The light remains off until motion is detected. When motion is detected, the light turns on at 100% brightness for 20 seconds, then turns off if no further motion is detected.
- **Mode 2: Dim-to-Bright**
  The light stays on at 10% constant brightness. When motion is detected, it switches to 100% brightness for 20 seconds, then returns to 10% brightness when no motion is detected.
- **Mode 3: Always ON (Dusk to Dawn)**
  The motion sensor is off. The light stays on at 30% brightness continuously from dusk until dawn.



Visual guide detailing the three distinct lighting modes: Mode 1 (Off-to-On) activates 100% brightness for 20 seconds upon motion, Mode 2 (Dim-to-Bright) maintains 10% brightness and switches to 100% for 20 seconds upon motion, and Mode 3 (Always On) provides 30% brightness continuously from dusk till dawn.



A person approaching a GRIFEMA solar light, demonstrating the sensitive motion detector with a 180-degree detection angle and a sensor distance of 10-16 feet.

5. Maintenance

To ensure optimal performance and longevity of your solar garden light, regular maintenance is recommended:

- **Clean the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Check Mounting:** Ensure the light remains securely mounted to prevent accidental falls or damage.
- **Inspect for Damage:** Regularly check the light for any physical damage to the casing, LEDs, or sensor.

6. Troubleshooting

If your GRIFEMA GD203-2 solar light is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel receives 6-8 hours of direct sunlight daily. Relocate if necessary.
Light stays on for a very short time or is dim.	Low battery charge or dirty solar panel.	Clean the solar panel. Ensure adequate charging time. Check if the selected mode is appropriate (e.g., Mode 3 uses continuous power).
Motion sensor not detecting movement.	Obstruction or incorrect mode.	Ensure no obstructions block the sensor. Verify the light is in Mode 1 or Mode 2.
Light is not waterproof.	Damage to casing or seals.	Inspect the unit for any visible damage. Contact support if damage is found.

7. Specifications

Feature	Detail
Brand	GRIFEMA
Model Number	GD203-2
Color	Black
Material	Plastic
Light Source	100 LED
Special Features	3 lighting modes, PIR Motion Sensor, 270° Wider Lighting, Waterproof, Solar Powered
IP Rating	IP65
Product Dimensions	12.5L x 5W x 9.6H Centimeters
Power Source	Solar Powered
Motion Sensor Range	3-5 meters
Motion Sensor Angle	180°
Charging Time	6-8 hours (direct sunlight)
Battery Capacity	600mAh
Runtime	8-10 hours (depending on mode and charge)
Included Components	Mounting Hardware
Manufacturer	Ibergrif Griferias S.L

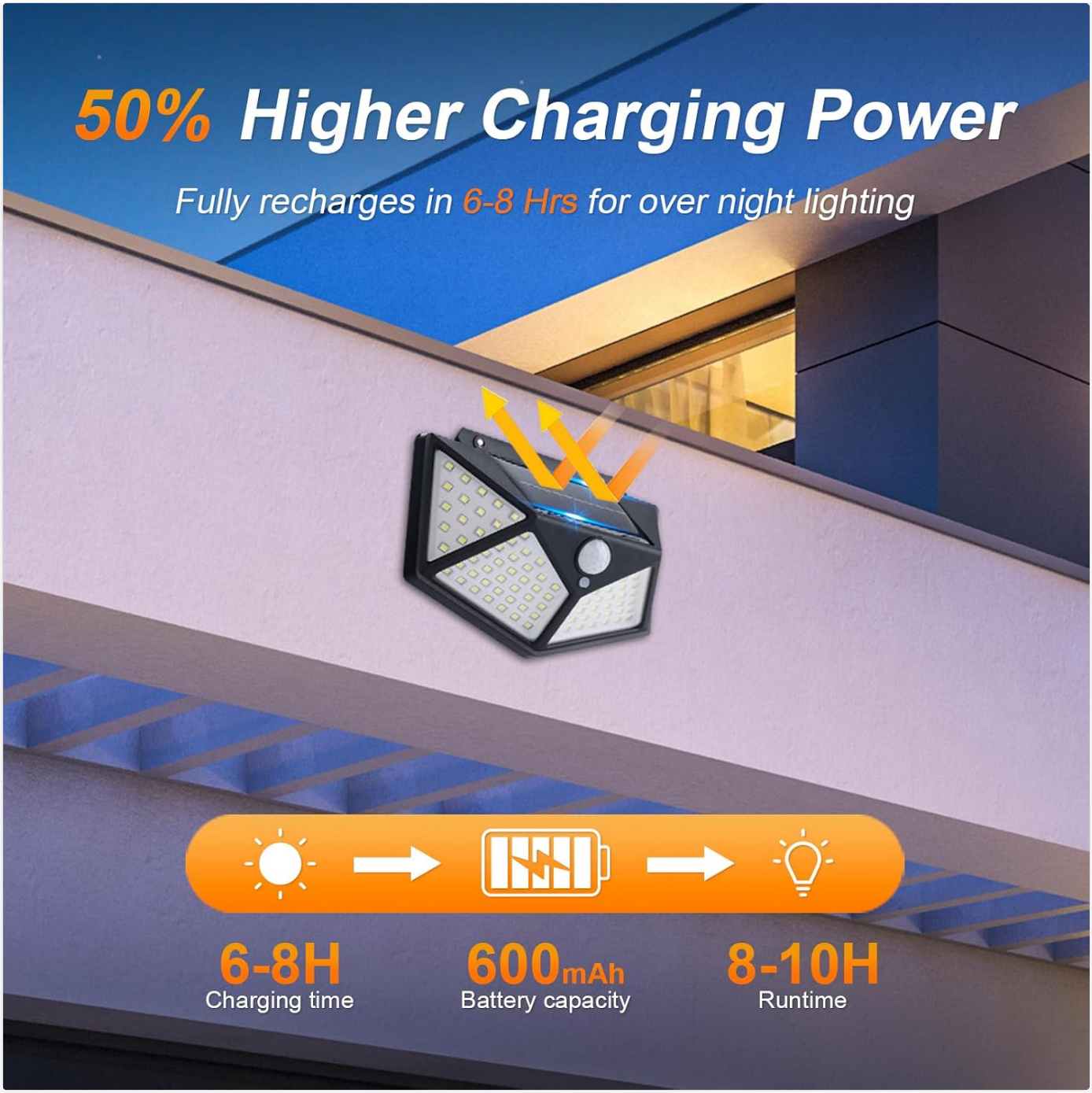
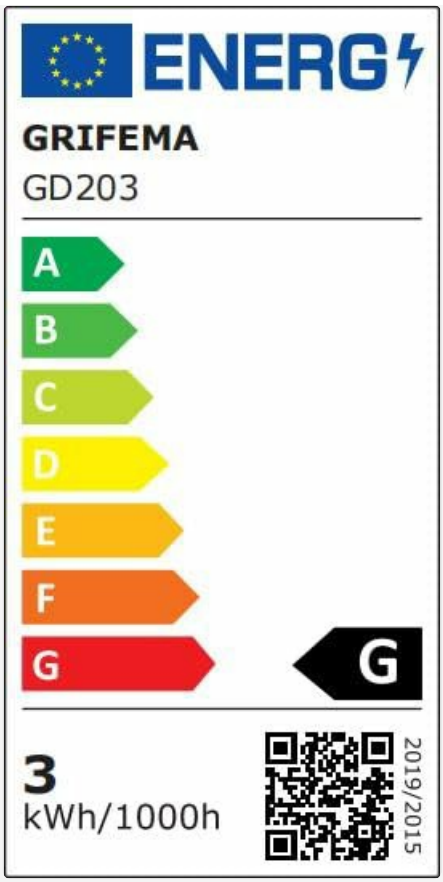


Illustration demonstrating the solar light's charging efficiency, indicating 6-8 hours of charging time for a 600mAh battery, providing 8-10 hours of runtime.



The EU energy label for the GRIFEMA GD203 model, indicating an energy efficiency class of G and energy consumption of 3 kWh/1000h. For more details, visit EPREL Database.

8. Warranty and Support

For warranty information and customer support, please refer to the purchase documentation or contact your retailer directly. The manufacturer of this product is Ibergrif Griferias S.L.

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