Garden solar light MS2

User manual

2026

Content

1. **Product overview** 3

2. **Installation** 4

2.1. Choosing a location 4

2.2. Mounting 4

2.3. Angle adjustment 4

3. **Operation** 5

3.1. First use 5

3.2. Operating modes 5

4. **Battery replacement** 6

5. **Maintenance** 7

6. **Troubleshooting** 7

Contacts: 8

1. Product overview

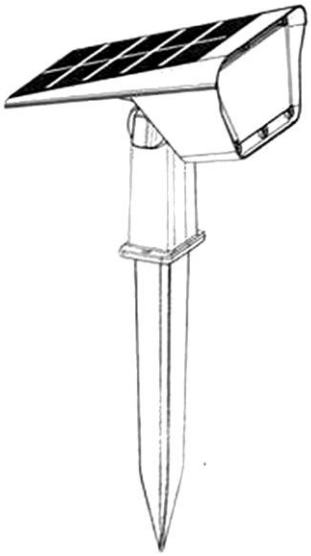


Fig.1. Garden solar light MS2

Solar-powered garden spotlight with 7 high-output LEDs and a built-in Li-ion 18650 battery. The built-in light sensor switches the light off during the day while the solar panel charges the battery, and switches it on automatically at dusk. The IP65-rated housing is suitable for outdoor use.

The light can be installed in the ground with the included spike or mounted on a wall. It is suitable for gardens, yards, fences, walls, walkways, driveways, porches, balconies, garages and stairs.

2. Installation

2.1. Choosing a location

- Install the light where the solar panel receives direct sunlight for at least 4–6 hours a day.
- Avoid shade from trees, buildings and other objects. In shaded locations, the battery does not charge fully and the operating time at night is reduced.
- Install the light at least 2 m away from other solar lights and other night-time light sources. Otherwise, the light sensor may prevent the light from switching on at dusk.

2.2. Mounting

The light can be installed in one of two ways:

- **Ground installation:** attach the ground spike to the base of the light and push the spike into the ground (Fig.2).
- **Wall installation:** fix the base of the light to the wall using the included screws and wall plugs (Fig.3).

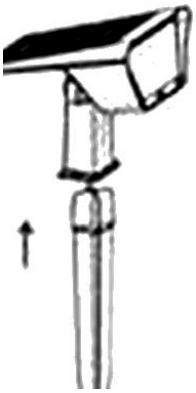


Fig.2. Ground installation

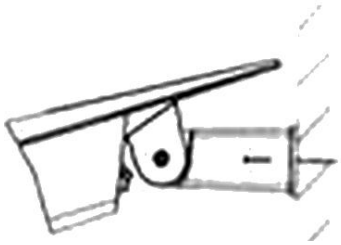


Fig.3. Wall installation

2.3. Angle adjustment

The angle of the light head and the solar panel can be adjusted within 120° (Fig.4). Adjust the angle so that the light illuminates the desired area and the solar panel faces the sun.



Fig.4. Angle adjustment

3. Operation

3.1. First use

1. Turn on the light with the ON/OFF switch (Fig.5).
2. Leave the light in direct sunlight for 4–6 hours to charge the battery fully.
3. Install the light (see Section 2).

After this, the light operates automatically: it switches off and charges during the day and switches on at night.

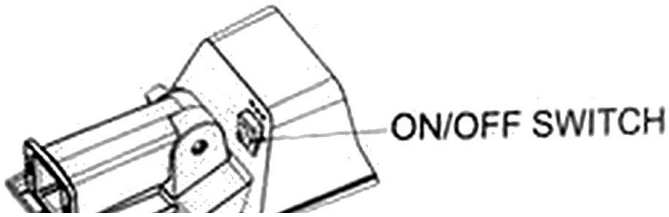


Fig.5. ON/OFF switch location

3.2. Operating modes

Press the ON/OFF switch to cycle through the modes: Low → High → Off.

Mode	Function
Low	Reduced brightness. Operating time on a full charge: 8–10 h
High	Maximum brightness. Operating time on a full charge: 4–6 h
Off	The light is switched off

In Low and High modes, the light switches on automatically at dusk and off at dawn.

4. Battery replacement

Battery performance decreases over time. Replace the battery approximately every 1–2 years (Fig.6). Use a Li-ion 18650, 3.7 V, 2200 mAh battery.

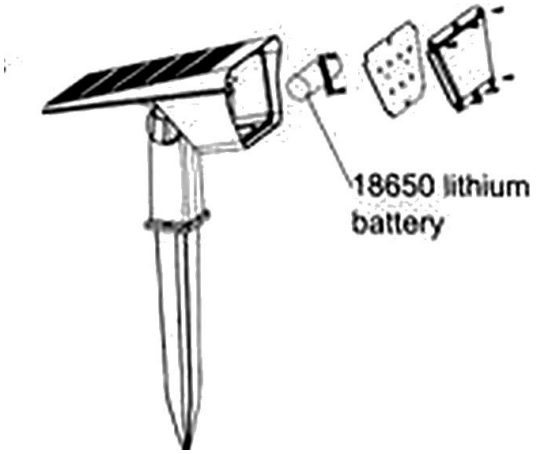


Fig.6. Battery replacement

Caution: dispose of used batteries in accordance with local regulations. Do not dispose of batteries in fire.

5. Maintenance

- Keep the surface of the solar panel clean to ensure optimal charging.
- Handle the light with care. Avoid impacts and rough handling.

The performance of the light depends on the geographical location, weather conditions and season. On cloudy days and in winter, the solar panel receives less sunlight, which reduces brightness and operating time.

6. Troubleshooting

Issue	Solution
Light does not turn on at night	Make sure the light is switched on (Low or High mode). Make sure the light is at least 2 m away from other lights and night-time light sources.
Short operating time or low brightness	Install the light where it receives direct sunlight for at least 4–6 hours a day, away from shade. Clean the solar panel. Reduced performance on cloudy days and in winter is normal.
Operating time decreases even after a full day of sunlight	The battery may be worn. Replace the battery (see Section 4).

Contacts:

WhatsApp: +420 777 054 888

Email: support@partizan.global

Telegram: https://t.me/PartizanSupport_bot