

MGG Solar Powered LED Lighting System Operator's Manual for Model SP-001

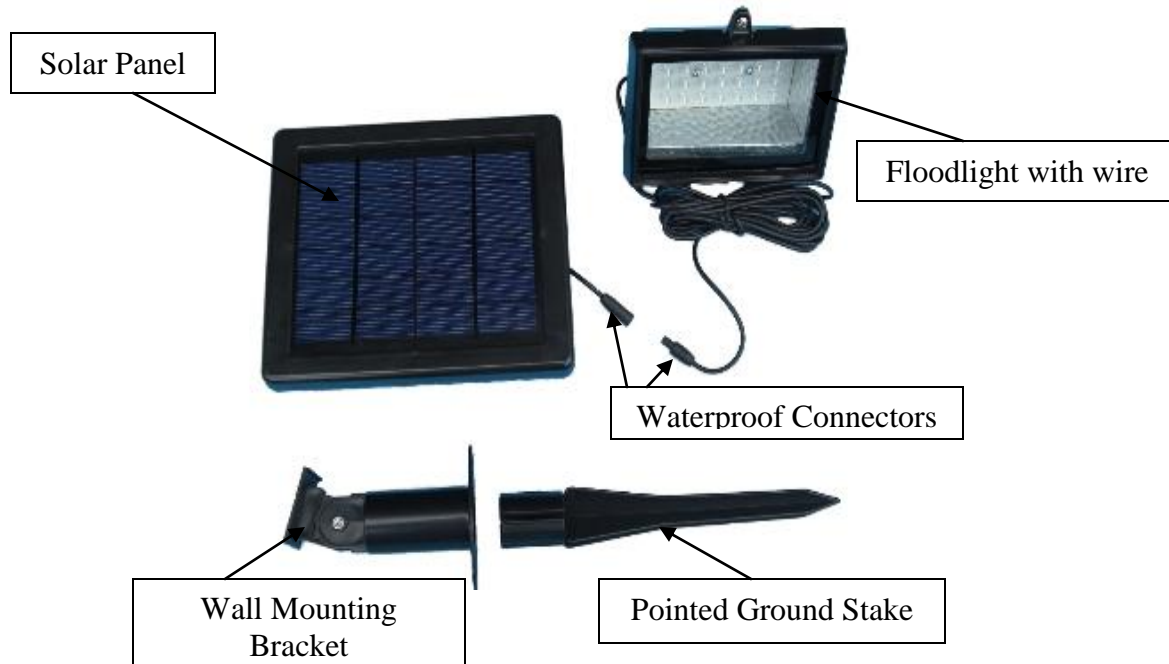


Figure 1: Components of MGG LED Lighting System

The MGG LED lighting system is charged by sunlight (solar energy). It is environmentally friendly, convenient and easy to install anywhere that is exposed to direct sunlight. The system will automatically activate at sunset and deactivate at sunrise.

Main Features include:

- Waterproof & weather resistant
- High efficiency solar panel
- High quality Ni-MH rechargeable battery
- 28 long-life white LED lights
- Automatic ON/OFF features

Package Contents

- Operator's Manual
- 1 x Solar Panel
- 1 x Floodlight with wire
- 1 x Wall mounting bracket with connector
- 1 x Pointed ground stake

Warranty

MGG Solar Powered LED Lighting Systems are warranted against faulty manufacture for a period of 12 months. This is a “return to base” warranty and if the unit cannot be repaired immediately it will be replaced with a new one. The customer will cover the cost of returning the unit to MGG and MGG will cover the cost of returning the repaired/replaced unit to the customer.

MGG Operator’s Manual

This manual is designed to ensure you achieve optimum results from your MGG Solar Powered LED Lighting System. To ensure maximum output with minimal complications, we advise you to read the guidelines carefully and install the unit as per the instructions.

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Installing the MGG Solar Powered LED Lighting System

Siting the Solar Panel

- Choose a location that receives maximum sunlight during daytime hours. Avoid shaded areas.
- Ideally, the Solar Panel should be positioned NORTH-facing in the southern hemisphere and SOUTH-facing in the northern hemisphere. The Solar Panel and Floodlight are both waterproof and weather-resistant and should not be affected by exposure to rain, snow or alterations in temperature.
- Avoid locations which are close to other light sources e.g. street lights, porch lights, which will interfere with the automatic activation at sunset and deactivation at sunrise.
- The Solar Panel can be wall-mounted using the Wall-Mounting Bracket, as shown in Figure 1, which slides onto the reverse side of the Solar Panel, see Figure 2. Alternatively, it can be positioned in the ground by adding the Pointed Ground Stake to the Wall-Mounting Bracket. This can then be pushed into soft earth until it is firmly in place.

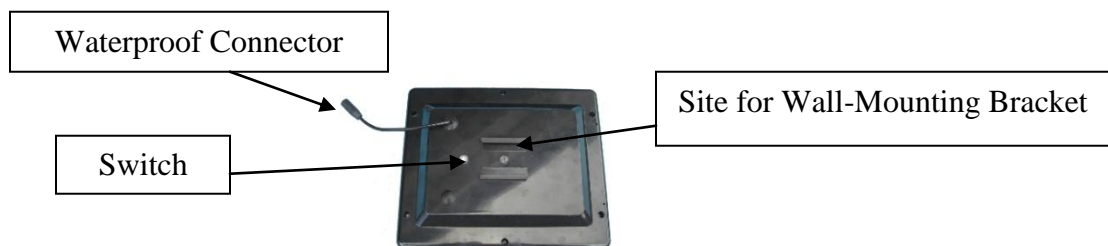


Figure 2: Reverse-side of Solar Panel

Installing the Floodlight

Position the Floodlight in the desired place using the wall bracket provided. It may be mounted onto a wall or a wooden stake to keep it above ground level.

Turning the system on

Once fully installed, attach the waterproof connector of the Solar Panel to that of the Floodlight – see Figure 1. Press the switch on the reverse of the Solar Panel – see Figure 2. The system is now functioning.

NB: Charge the battery for at least 8 hours BEFORE first use.

Caution

- Ensure the switch is turned ON when the light is required to work
- The Floodlight will not work satisfactorily if it is mounted close to existing lights such as porch or street lights which may prevent the automatic ON/OFF function of the LED lighting system
- For optimum effectiveness, ensure the Solar Panel is sited in an area which receives maximum sunlight during daytime hours. Avoid shaded areas
- Position the Solar Panel to face the North in the southern hemisphere and the South in the northern hemisphere

Maintenance

For a safe reliable solar security lighting system, we recommend you follow these helpful tips:

Solar Panel

The solar panel must be cleaned regularly to prevent accumulation of dust/dirt and scratches developing on the surface

Solar battery

The AA Ni-MH 2000mAh battery included in this product is rechargeable. However, like all rechargeable batteries, it will eventually need to be replaced as follows:

- i) On the Solar Panel box, unscrew the 6 connecting screws and remove base plate
- ii) Remove existing battery and replace with a new AA Ni-MH rechargeable battery of similar capacity
- iii) Replace base plate and screws

NB: If the Solar Powered LED Lighting System is to be stored, or is not in use for a prolonged period of time, the battery must be removed to avoid permanent damage to it.

Contact Information

Should you have any questions or concerns please do not hesitate in contacting the team at MGG:

Website: www.MGG.co.nz

Email: info@MGG.co.nz