

# SolarGoesGreen SGG-FL12W-Extreme

READ AND FOLLOW ALL INSTRUCTIONS BEFORE OPERATING YOUR SOLAR LIGHT.  
SAVE THIS MANUAL FOR FUTURE REFERENCE.

## DESCRIPTION

The SolarGoesGreen solar SMD-LED flood light is the premier choice for indoor or outdoor solar lighting. The versatility of the SolarGoesGreen SGG-FL12W-Extreme makes it the best choice for use in gardens, parks, warehouses, garages, driveways, signs, yards, farms, horse riding arenas and businesses. The SolarGoesGreen solar LED security flood light is easily installed. The battery is protected by an auto-detection circuit maximizing the brightness of the lamp and allowing the light to operate longer as the battery charge declines.

## PARTS

2 each 20W hinged Solar Panel  
1 each 30 SMD-LED Light with 11.1V Lithium Ion battery  
1 each RF Wireless Remote Control  
1 each external PIR motion sensor  
1 each Allen wrench  
1 each Ground Stake for Solar Panel  
2 each Wall Mount for Solar Panel  
2 each Flat Bar Stock  
Mounting Screws

## INSTALLATION

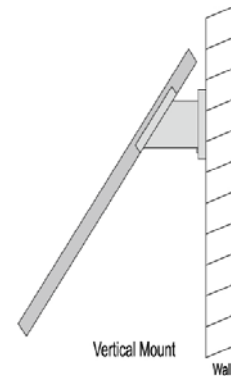
### 1) INSTALLATION OF SOLAR PANEL

#### a) GROUND STAKE\*

- For optimum performance, the solar panel must be facing the southern horizon and positioned at a 45 degree angle using the ground mount stake provided.

#### b) WALL MOUNT\*

- Using the flat bar stock provided, lay the solar panels on a flat surface and straighten hinged solar panel by screws
- Using the Mounting bracket as a template, drill 4 holes on an appropriate surface
- Attach solar panel to wall using screws provided.
- For optimum performance, the solar panel must be facing the Southern horizon and positioned at a 45 degree angle using the bracket provided.



### 2) INSTALLATION OF LIGHT

- Mount the light to customer supplied pole or fix it on the wall using mounting screws provided.
- Connect lamp wire to solar panel connector.
- Switch the power to ON position. Lamp will light up (flash on then off) and shut down after several seconds.

To test operation of unit, completely shield the face of solar panel by laying it face down on a flat surface or cover the panel with thick black cloth. The Lamp will turn ON after several seconds.

After completing the above, the remote control functionality can now be used to manage the unit's brightness and working time independently. Please note **the remote control only operates light function when the switch is set to the "ON" power position on light. Please note lamp is off when the button switch is sunken and lamp is ON when the button switch is popup.**

## REMOTE CONTROL Use

Dimmer and timer function.

Dimmer Options: 10%, 30%, 50%, 70%, 100%

Timer Options: 2 Hours, 4 Hours, 6 Hours, 8 Hours, 10 Hours

Press the corresponding button for desired working mode. Selected working mode remains unchanged until new mode

is selected or power switch is turned to off position.  
If the light is turned OFF by remote control, lamp must be turned ON again by remote control or by resetting the power switch to the OFF. Doing so returns the unit to Factory Default settings.

**NOTE:** When lamp is set by remote control, light will have a flash to hint selected mode is set successfully.

### PIR Motion Sensor Use

Connect PIR wire to lamp connector.

Turn the button "OFF" on remote control (See pic) then lamp auto switches to PIR motion mode. The brightness of PIR motion is 100% brightness and delay time is 35 seconds.

### OPERATION

In the Dusk to Dawn mode (no remote control and no PIR motion), the lamp will turn on automatically at dusk and off at dawn. The factory default setting when the ON position is selected and no Remote Control used is fixed for 4 hours at 100% brightness then automatically switches to 50%. If the light operates without remote control, lamp keeps this working mode all the time.

### NOTES

- Charge the battery for at least 2 days before first use. **The battery is only charged when button switch turns ON**
- Solar panel cannot be placed in shade and must be put placed where it can receive maximum unobstructed direct sunlight.

### BATTERY REPLACEMENT

If lamp begins to illuminate dimly or last a shorter length of time, and the hours of sunlight per day are in excess of 8-10 hours per day, you should replace the rechargeable lithium ion battery using the following steps:

- 1) Remove 4 screws from the back of the light head. Carefully separate back cover from lamp body being carefully. Set aside.
- 2) Disconnect battery quick connector plug. Replace with a new battery and join battery connector plug and remount in reverse steps as done above.
- 3) Replace battery cover onto body housing. BEFORE securing screws into body, make sure rubber sealing gasket is not "pinched" in sealing groove. Failure to secure correctly will allow moisture into the unit voiding warranty.
- 4) Be sure and recycle your old battery and do not discard in trash.

**NOTE: Battery may be obtained by contacting your retailer**

### WARNING:

- 1) Do it carefully to prevent wires from being damaged.
- 2) Be sure that battery polarities are correct. Wrong polarity is dangerous.
- 3) Do not dispose of old battery. It should be recycled.



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