Solar Battery
Powered LED Floodlights

IP65

SKU Code: E190, E191, E192, E193

Zero Electricity Cost

Fully Solar Powered

Easy installation No Wiring

Features:

▶ **Solar Powered yet super bright:** no electricity consumption, environmental protection, and energy conservation. 3.7V Rechargeable Lithium-ion Battery, Good enough to provide an average of 5-8 hours continuous illumination time with a full charge. With solar panels, it can convert up to 19% of the sunlight into electricity energy

▶ **Lens Design Flood Light:** luminance is more concentrated and even. 5050 SMD 3W LED Chips are high quality, more durable, and highly efficient.

▶ **IR controller:** easy to control as per your requirements. Auto on/off/2H-6H time setting/Energy saving setting, you can control the ON/OFF of these solar lights even if you are 20-30 ft away with the remote control. It also has many different lighting modes

▶ **Battery Indicator:** The product has a Battery Indicator to indicate when its charging/discharging and keep the user always informed about the battery levels.

▶ **IP65 Waterproof Connector:** This will ensure that the product is unaffected by changes in weather conditions.

▶ **5 Meters 2*0.75mm² / 2*1.0mm² PVC cable:** To make sure that the Solar Panels are installed at a height with maximum sunlight.

▶ **Backed by a Solid Warranty and Tech Support:** 2 Years Warranty on LED Floodlights & 5 Years Warranty on Solar Panels

▶ **Application:** Widely used in outdoor gardens, warehouses, gardens, or any other places you want to light up WITHOUT using any main power.

Technical Specifications:

SKU	Power	Lumen	Solar Panel	Battery	Dimensions
E190	50W	1100lm	5V 12W	3.2V/10000mAh	180x210x42mm
E191	100W	1700lm	5V 18W	3.2V/15000mAh	225x255x42mm
E192	200W	2600lm	5V 30W	3.2V/25000mAh	300x350x42mm
E193	300W	3000lm	5V 35.5W	3.2V/30000mAh	370x398x42mm

Monocrystal Solar Panel

5 YEARS WARRANTY

on Solar Panel

IP65 Waterproof Connector
2*0.75mm² / 2*1.0mm²
PVC cable, Length: 5 Meters

SMD CHIP

Aluminium Body

IP65 Rating

Water & **Dust Protection**

Installation Instructions:

Solar Panel :

No shade

30-45°

On the Rooftop

No shade

30-45°

On the Wall

Luminaire :

1m

40°

Min. 50 cm

3-8m For
50W
100W
150W
200W

<5meters

Between Luminaire and Solar Panel

Remote Instructions:

Self Test
6H Time
50% Brightness

100% Brightness
10H Timer

Automatic Light mode
Lights are turned on in the dark
and are turned off in day time)

3H Timer — 3H   5H — 5H Timer

8H — 8H Timer
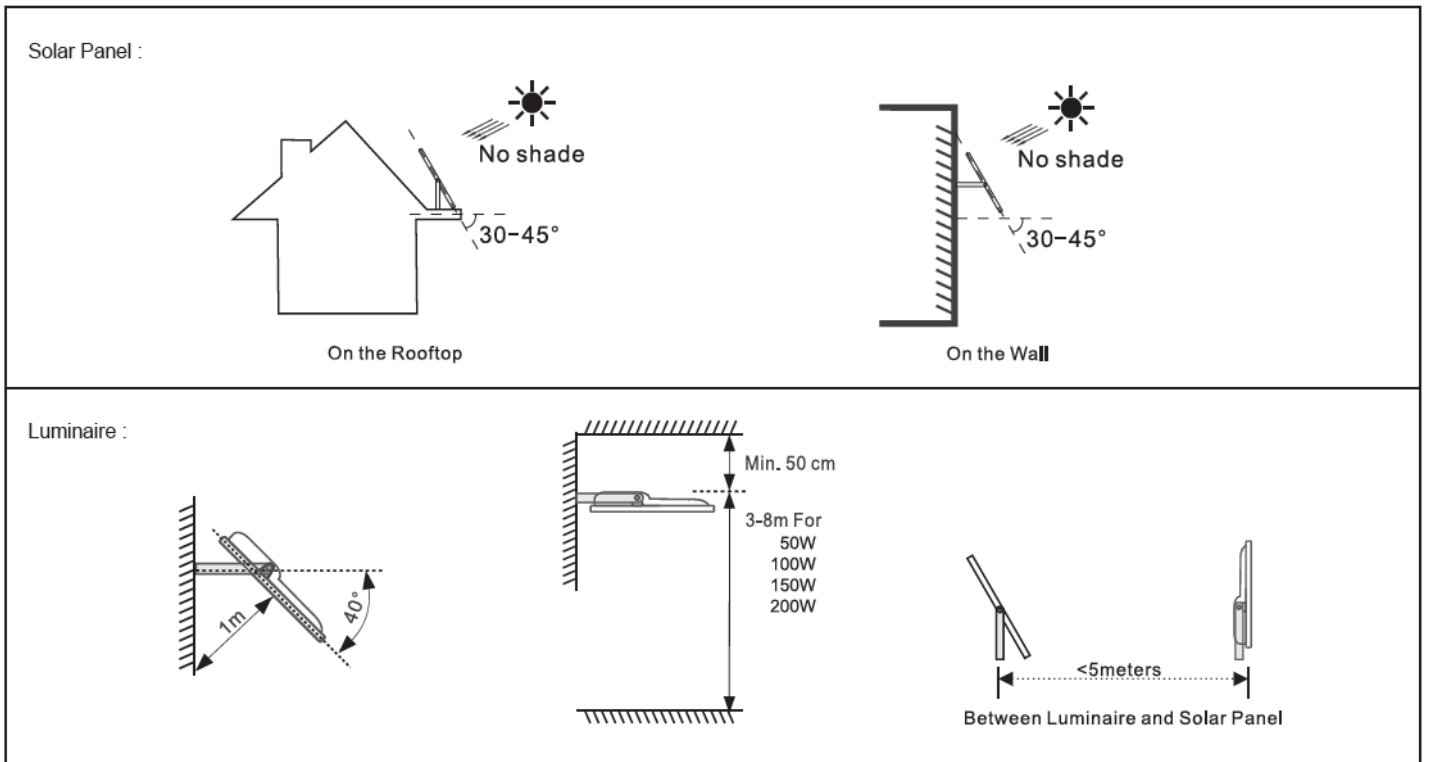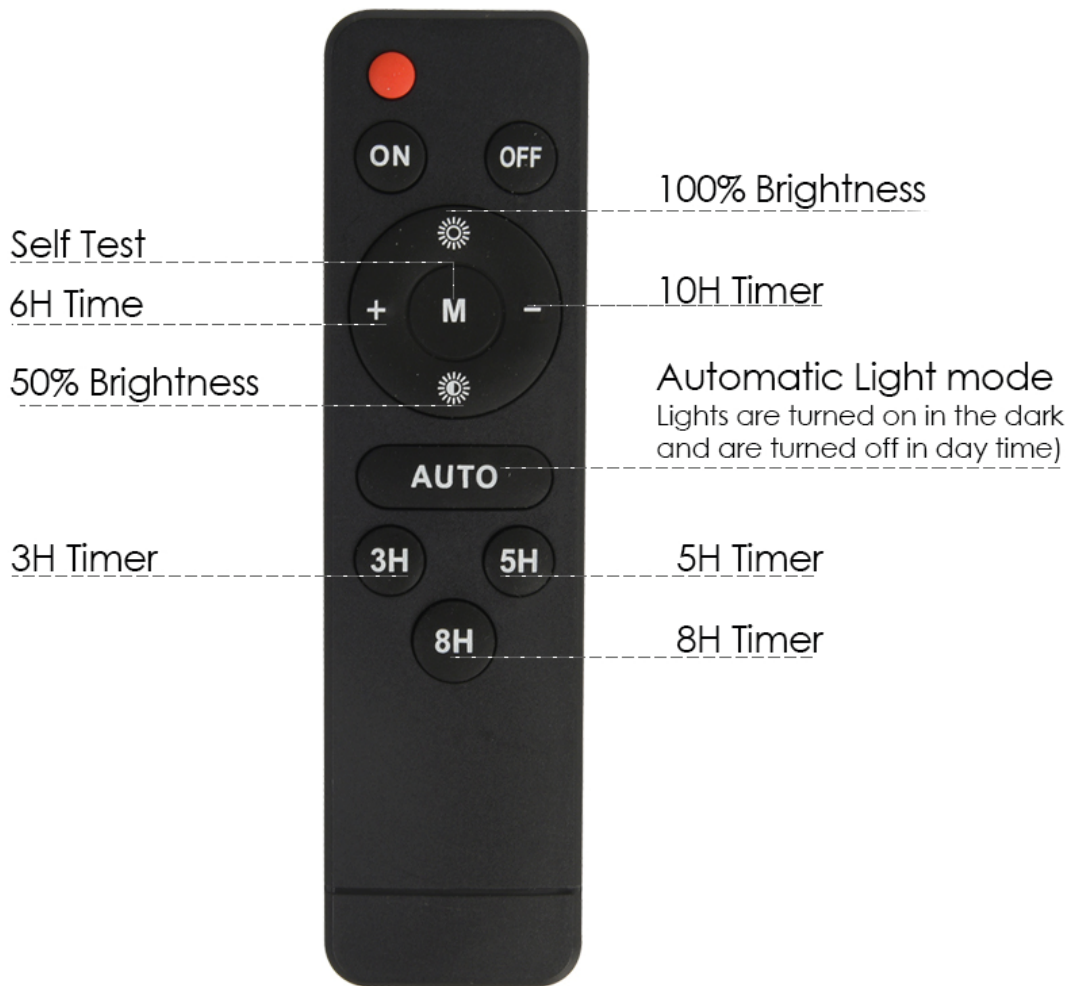
Solar Battery Powered Floodlights are designed to charge batteries in the daytime and work in dark. This will be the default (Auto) mode.

1. **ON/OFF:** Turn ON/OFF the light instantly.
   (This will cancel the Auto mode and the lights can be Turned On/ Off instantly)
   The AUTO button will restore the automatic program. If the automatic program is not restored, the light won't work at night, but it will resume the next night.

2. **100%, 50%:** Brightness Button.
   The lights can be set to 50% or 100% brightness through the indicated button on the remote.
   Note: The default setting is 100% brightness but to save the batteries, users can set the brightness to 50%. However, this setting can be done for the same night and will be back to default settings the next night.

3. **AUTO Button:** Restore the default program and cancel all settings.

4. **3H/5H/8H/6H/10H Timer Button:** After pushing the desired Timer button, the light will flash indicating that the setting is successful.

5. **M:** Self-Check Button: "M" button is to confirm whether the remote is paired and operational with the lights.

Warning

- Please read this manual carefully before starting the installation and store it for future reference.

- Do not cover the product with any objects when in use. The product is designed with enough heat dissipation and covering the product with any objects can prevent this, effecting its life span.

- The Solar Panels must be installed facing the sunlight without any obstructions.

- If the flexible cable or cord or connector of these Solar Battery Powered LED Floodlights are damaged, please contact our Tech Support helpline or a qualified technician.

- Only an approved/ Qualified technician can open the lamp and carry out repairs if required.

Thank you for choosing ENER-J!

Customer satisfaction is our TOP priority, please let us know how you felt about your experience. Happy? We are so happy that you are pleased with our product. Feel free to express your newfound joy! Share your experience by writing a review.

Not Happy? If you are not fully satisfied with the item you received, have any problems like damages, or questions, please contact us. We typically respond within 24-48 hours.

Stuck? Confused?

Contact our Technical Support team on:
T: +44 (0)1291 446 105 E: support@ener-j.co.uk
Lines are open Mon - Fri (8am to 4pm)