

USER MANUAL

IlluminateSolar MEGA™



SOLAR ENERGY LIGHTING

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INTRODUCTION

On behalf of Solar Energy Lighting, we would like to thank you for "going green" by purchasing IlluminateSolar MEGA™. Developing over the last few years our number one goal was to make a self-sufficient extremely bright lamp which illuminates large premises during all seasons and temperatures. We are happy that you have become part of our rapidly growing eco-friendly family. If you have any questions about our product, have a concern or can't find what you're looking for, contact us at support@solarenergylighting.co.uk, and our friendly customer service team will be more than happy to help.

COMMISSIONING

During the day, the solar panel converts the sun's energy into electricity and charges the lamp's built-in rechargeable batteries. With the onset of dusk, the lamp turns on automatically, shining with the energy accumulated during the day. The number of hours that the solar lamp will glow depends on the amount of daylight, and weather conditions.

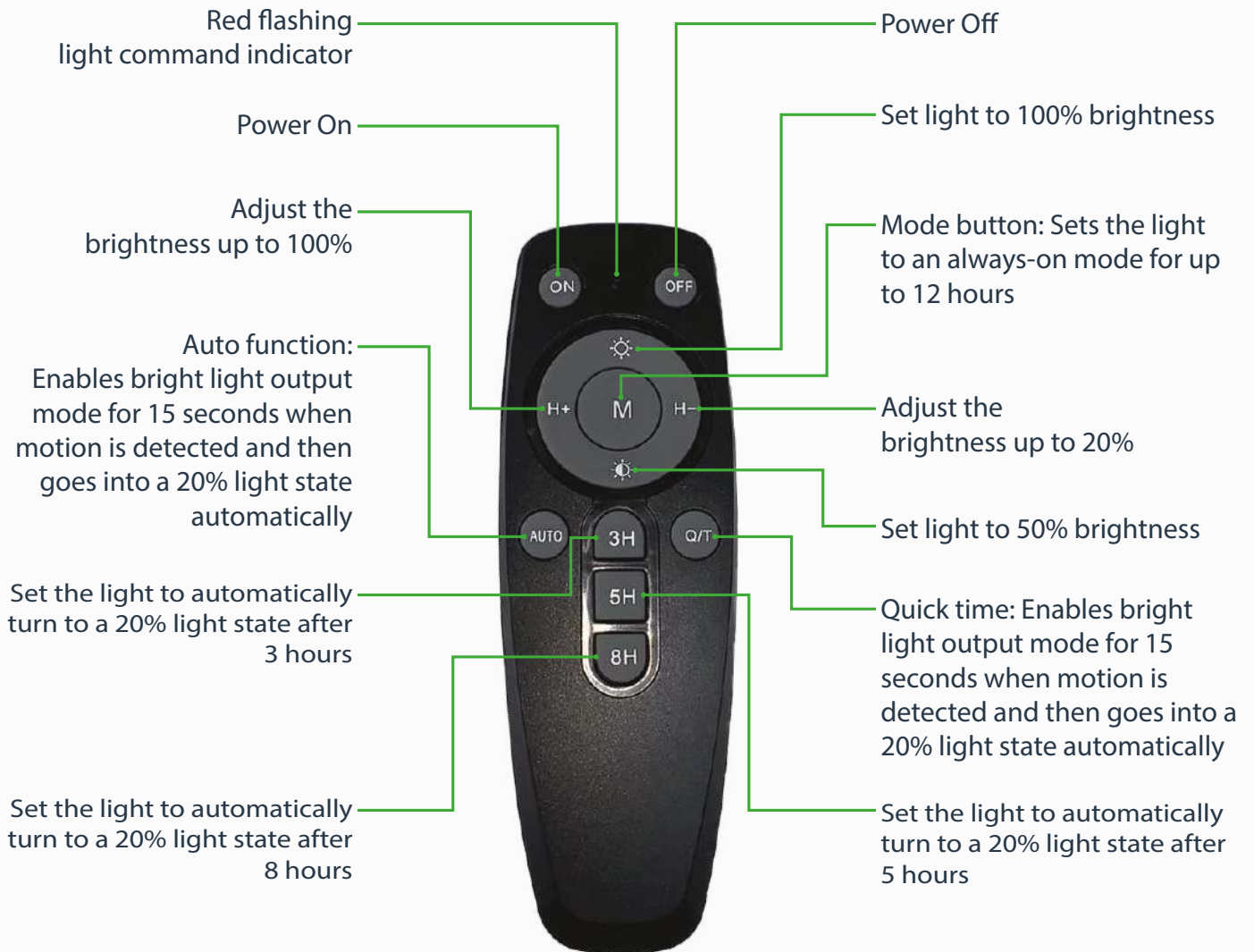
Initial charging - it is extremely important that before putting the new solar lamp into operation, the accumulator batteries are fully charged. This can happen by exposing the lamp to intense sunlight for a minimum of 8 hours. As it is motion sensed and also solar powered, you will need to cover the solar panel in order for the light to shine during the day, as in daylight it is automatically set to charging mode. Once it gets dark outside, the light will then automatically turn on.

After fully charging the batteries, turn the lamp on using the on/off button.

SET UP GUIDE

- Use the supplied anchor bolts to fix IlluminateSolarMEGA to the wall. By mounting it to the wall with the 4 anchor bolts, we guarantee a safe grip and a long lasting mount for years. If you have any concerns or doubts about the installation. Please, contact a person with experience for this type of installation. **Please note** you need to make sure that the anchor bolts are used correctly and the light is mounted securely. Solar Energy Lighting is not responsible for the bad installation of the product and future consequences thereof.

REMOTE CONTROL GUIDE

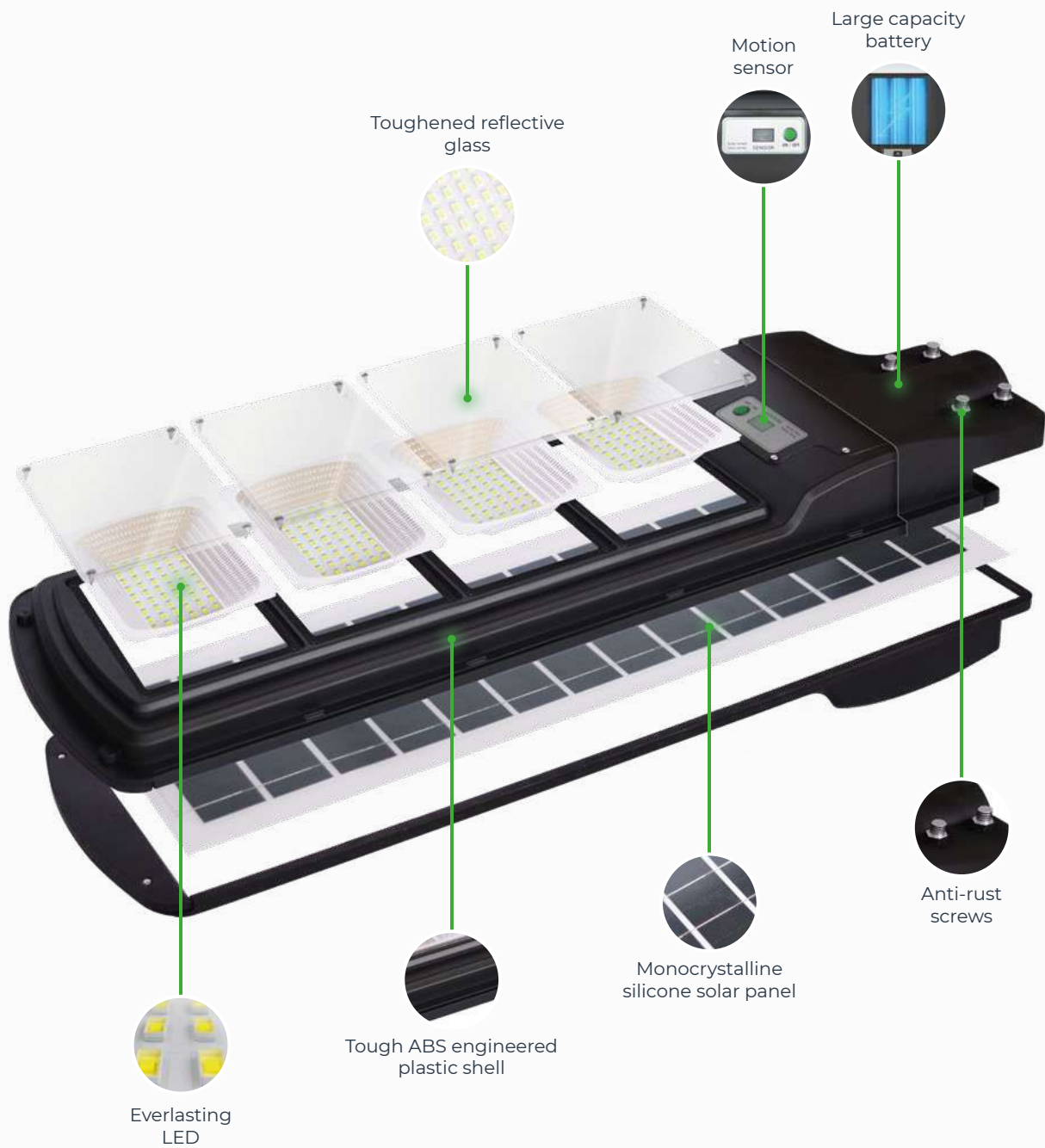


BATTERY HEALTH

Please note that twice a month we recommend to fully charge up and drain your lamps battery for optimum battery health. This will allow the particles inside the battery to always stay active and not die out slowly, deteriorating your battery health after a couple of years. To do this you can leave your light to charge a full 12 hours without using the light, in order to make sure it is fully charged and then leaving it on the whole night at continuous full light output.

By periodically sticking to these steps, this will allow your lights to continuously shine with the brightest possible output and maintain full battery health for a much longer time.

ANATOMY OF ILLUMINATESOLAR MEGA™



TROUBLE SHOOTING TIPS

- **The light does not work during the day.** To test if the light is working, you will need to completely cover the solar panel to simulate darkness.
- **The light does not work.**
 - 1) You've just received your light and is not working. Make sure you've made the first step of initial charging, page 3 Commissioning.

2) The panel should be positioned to receive sunlight all/most of the day, or it might not be receiving the required power it needs to operate.

3) Objects like overhanging branches, fences or buildings might block the solar panel from receiving sunlight. If there are obstructing objects relocate the light to another area.

• **The remote control does not work.** The batteries of the remote are dead and the remote control is not working. Please try the remote with new batteries and check if there are any changes.

• **The light does not operate well.** The solar panel must be always maintained clean. A dirty solar panel might prevent the battery from charging. This can affect the battery life and the solar light to malfunction.

• **The light does not work during the night.** An external light source such as street lights or porch lights can affect the sensors of the light, causing the sensor to think its daytime during the night. In this case the light should be moved away from external light sources or the solar panel should be covered so it does not interfere with the external light.

• **The motion sensor does not work.** In such a case, you need to make sure that the sensor is maintained clean and light is positioned at the recommended height.

CHARACTERISTICS

Power	450W
Light colour	6500K
Battery capacity	25000 mAh
Battery type	3 x 18650
Lumens	7000L
Working time	12h
Rated all weather resistant	IP65
Mounting height	3-5m
Solar panel type	Monocrystalline
Temp resistance	-20°C to 65°C
Dimensions	74.5cm / 23cm / 5.5cm
Remote range	8m
Colour	Black
Sensor range	10m

ENVIRONMENTAL PROTECTION NOTE

Waste electrical products should not be disposed of with household waste. Please check with your Local Authority to find the nearest recycling facility to dispose of the light.

