



USER MANUAL

Solar LED Batten Light Kit

MLBS12W / MLBS24W



Non contractual photo



100% Green Energy



Rechargeable Lithium Battery



PIR Motion Sensor



IP65 Rated Waterproof



5V USB Charge



Integrated Design



Bug Free

SOLAR LED BATTEN LIGHT KIT

The Martec Solar Led Batten Light Kit is a step above the rest when compared to traditional solar powered tube lights. It can be used in a variety of areas such as the office, home, garage, caravan, carports, bus stations, warehouses, camping tents, industrial/commercial establishments, emergency areas and more. The Inbuilt PIR sensor can also reduce power consumption for those gloomy days, and easy installation for the installer.

The Martec Solar Led Batten Light Kit is also supported to operate during day time while being charged, under manual operation. By programming the remote control, you can increase or decrease the level of brightness as you wish, as well as a handy timer function.

It also features a 5V USB port for convenient charging of compatible devices and an external switch for the light kit to operate via a DC port.

The Martec Solar Led Batten Light Kit is the ultimate portable lighting solution to suit a variety of uses.

CONTENT OF PACKAGING:

Solar Batten Light 1 pc
Solar Panel + 5m cable + 2 brackets 1 pc
Wall Controller + 4m cable 1 pc
Remote Control 1 pc
Fixing dowels and SST304 screws. 1 pc
User Manual 1 pc

ADVANTAGES

1. ON/ OFF mode Night & Day (works manually day and night)
2. 130 degree motion detection area.
3. Manual dimmer mode
4. Timer mode: Turns ON/OFF automatically after 2H, 4H or 6H.
5. Automatic Mode: Working from dusk to dawn automatically.



SPECIFICATION

Size	LED Max	Max lumen	Battery	Solar Panel	Cable	IP Rate
360mm	12W	1200lm	3.7V 12AH	10W 6V	5.0 M	IP65
600mm	24W	2400lm	3.7V 24AH	18W 6V	5.0 M	IP65



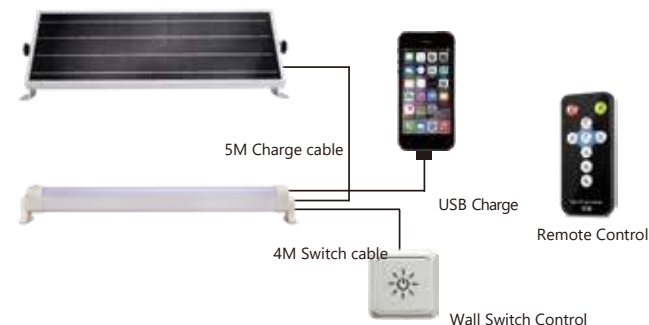
ACCESSORIES



- ① Push Button (100% Power----> 50% Power----->30%+Sensor 100% ----> OFF)
- ② USB 5V 1A Output. (To charge mobile or other device.)
- ③ DC input connector to connect to ⑤ plug to wall switch.
- ④ DC input for charge connector for solar panel 6V input. (Warning: Do not use other device or solar panel to charge.)
- ⑤ Motion Sensor (Two options on remote, 0% + 100% for 24 hours, 30% +100 for 12 hours)
- ⑥ Wall Switch for extension control. Same function as push button ①.



CONNECTION DIAGRAM





WALL SWITCH



Wall Switch is a very useful components in this kit, You can use this wonderful solar light fixture in the same way of using a 220V normal light.

1st push : 100% Power
2nd push : 50% Power
3rd push : 30% when nobody there and go to 100% power when sensor is triggered
4th push : Light Off.
(These 4 working programs are looped.)



REMOTE CONTROL



MANUAL switch ON/OFF , 100% full power



AUTOMATIC ON/OFF up dawn & dark , 100% full power



Increase the brightness by 20%



Decrease the brightness by 20%



Light is 0% (off power) turn ON when sensor is triggered.



Light is ON with 30% power, and 100% when sensor is triggered.



Set light to work for 2 hours



Set light to work for 4 hours



Set light to work for 6 hours

Important:

- When installation is completed, The batten light will start to work under automatic mode as default setting.
- There is manual mode optional which support light to work at day time. Under manual mode, light will turn off after 12 hours if not turn off by hand.
- When the red light flashes one time when you try to turn it on, it means there is no power in battery, please try to charge the light well.



INSTALLATION



- Drill the hole for screws
Screw diameter is 4mm



- Insert the screw cap into wall and make it flat as surface



- Use screw driver to fix the screws into the wall/ceiling



- Connect light and solar panel by the DC solar cable.



- Press button to turn on light, 1st push : 100% power . 2nd : 50% Power . 3rd push : 30%+ 100% when sensor is triggered. 4th push : OFF



- Select AUTO or MANUAL mode and set the lighting program as you like



IMPORTANT SAFETY INFORMATION

LITHIUM BATTERY SAFETY WARNINGS:

Lithium batteries store a large amount of energy and will vent fire or explode if mistreated.

- Keep Battery compartment and battery dry.
- DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY:
 - Open
 - Drop
 - Short-Circuit
 - Puncture
 - Incinerate
 - Expose to temperatures greater than 60° C
 - Do not use or charge battery if damaged.

IMPORTANT SAFETY INFORMATION:

- Carefully read all instruction in this manual before installation of the product.
- Keep installation area clean . (Cluttered areas invite accidents)
- Observe installation area conditions. Keep work area well lit during installation.
- Check hardware and assembled parts after assembling. All connections should be tight and hardware tightened.
- Replacement parts and accessories. When servicing , use only identical replacement parts . Use of any other parts will void warranty.
- The light source of this luminaire is non replaceable; when the light source reaches it end of life the whole luminaire shall be replaced.
- The battery is non replaceable . When the battery reaches end of life , the user must discard the entire light fixture and replace with a new light fixture.
- Verify that the installation surface has not hidden utility lines before drilling or driving screws.
- Keep children away . Mount the Light , Solar Panel and Cord out of children's reach.
- Dress properly . Protective, electrically non-conductive clothes and non -skid footwear are recommended when working with the Solar Batten Light.
- Do not overreach. Keep proper footing and balance at all times. If a ladder is to be used during this installation , it should be supported by an assistant.
- Do not set up the solar light if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt , do not set up the light.
- Keep out of reach of children.
- The warnings , precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product but must be supplied by the operator.

TROUBLE SHOOTING

Battery is not fully charged
Keep solar panel clean, Allow to charge in full sunlight for 36 to 48 hours with the Power Switch is in the OFF position.

WARRANTY

This product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase . Defects that occur within this warranty period , under normal use and care , will be repaired or refunded at our discretion.

The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act
And similar state and territory laws. Please refer to your warranty Certificate for further information.

Please contact our After Sales Support on Phone: **02 8778 7500** or send an email to sales@martectld.com.au for all warranty claims and assistance with this product.