

FOR A GREENER SOCIETY

Laljus^{AB}

We LED the way

USER MANUAL

Orfeus Solar LED Batten Light Kits



Non contractual photo



100% Green Energy



Rechargeable Lithium Battery



PIR Motion Sensor



IP65 Rated Waterproof



5V USB Charge



Integrated Design



Bugs Free



Version : A20181106

? WHAT IS IT?

Solar led batten light is the pioneer model comparing with the normal solar powered tube light, widely used in many applications, such as office, home, garage, caravan, carports, bus stations, warehouses, camping tents, kinds of shelves, farm tents, sideways, emergency camps, aid tents, temporary or permanent caves, or any kinds of sheds of paths, etc.

Solar led batten light is a kit that contains everything, like rechargeable lithium battery, solar controller, solar panel. Easy installation in less than 15 minutes, you just need to plug solar panel into the light by DC connector. It provides a high brightness for long time continuous lighting output, and inbuilt PIR sensor can save power if sunshine is not strong enough.

This solar led batten light is also supported to work during day time while being charged, under manual operation. By programming the remote control, you can increase or decrease the brightness as you like, there are 2 hours, 4 hours and 6 hours for optional. Pressing the button on light, you will find out 3 lighting modes, brightness and time can be set easily by remote control.

One 5V USB output was added to charge your mobile, What's more, an external switch is allowed to be connected to this light via a DC port. The ON/OFF and brightness can be operated by hand just like the traditional lights. This is a very useful advantage for the applications which need to do the lighting operation by hand instead of automatic.

It is a perfect lighting solution for the remote area where is lack of power and lighting.

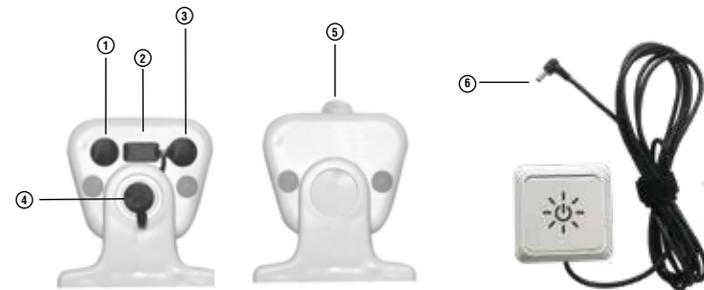
CONTENT OF PACKAGING:	
Solar Batten Light	1 pcs
Solar Panel + 5m cable + 2 brackets	1 pcs
Wall Controller + 3 m cable	1 pcs
Remote Control	1 pcs
Fixing dowels and sst screws.	1 pcs
User Manual	1pcs

ADVANTAGES	
1) ON / OFF mode Night & Day (works manually day and night)	
2) 130 degree motion detection mode	
3) Manual dimmer mode	
4) Timer mode. Turns off automatically after 2H, 4H or 6H optional	
5) Automatic Mode: turns on automatically when the solar panel is In the dark and goes out when in daylight.	

🔧 SPECIFICATION

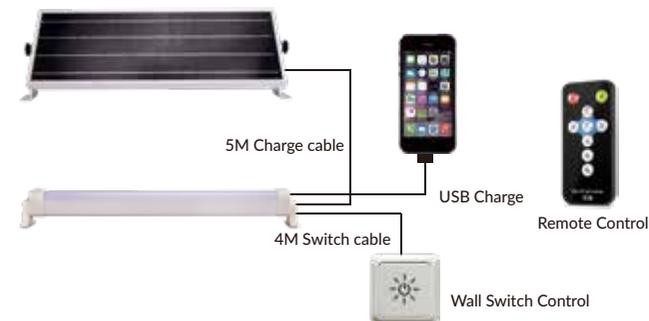
Size	LED Max	Max lumen	Battery	Solar Panel	Cable	IP Rate
360mm	12W	>1200lm	3.7V 12AH	10W 6V	5.0 M	IP65
600mm	24W	>2400lm	3.7V 24AH	18W 6V	5.0 M	IP65

🔧 ACCESSORIES



- 1) Push Button (100% Power----> 50% Power -----> 30%+Sensor 100% -----> OFF)
- 2) USB 5V 2A Output. (To charge mobile device.)
- 3) DC input connector to connect to 6 plug to wall switch.
- 4) DC input charge connector for solar panel 6 V input..
- 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

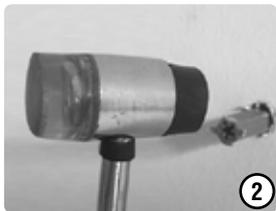
🔧 CONNECTION DIAGRAM



INSTALLATION



1. Drill the hole for screws
Screw diameter is 4mm



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



3. Use screw driver to fix
the screws into the wall/ceiling



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



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



- 6. OPTIONAL:**
Use Remote to set lighting mode or
brightness as needed.

REMOTE CONTROL OPERATION



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



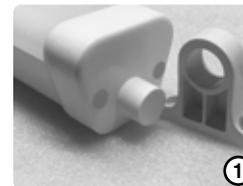
Set light to work for 6 hours

Remark

- 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.

HOW TO REPLACE BATTERY

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1. Remove the bracket from the
side where there are no buttons



- 2 : Use clips or small tools to take
out the two silicone plugs.



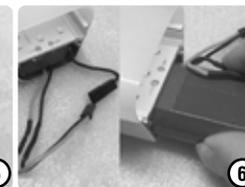
- 3 : Use 3mm Inner hexagon spanner
to loose and remove the two screws.



- 4 : Separate the end cap from tube
body. (Please do not lost the
waterproof silicon ring.)



- 5 : Hold the battery cable and take it
out carefully from light fixture
until you see the DC connectors



- 6 : Disconnect the DC connectors
then take out the battery carefully.



- 7 : Hold the cable connector from light,
and insert battery properly, then
connect battery cable to light cable
by DC connectors



- 8 : Put the end cap back to tube body
with silicon wing at good position.



- 9 : Repeat the steps of last operations
6-->5-->4-->3-->2-->1.

When connect battery to controller cable successfully, the red light will turn on for 2 seconds, then off.

CONTACT US

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