



Remote Setting



Microwave Sensor



MC4 Plugs Connection



Lithium Battery



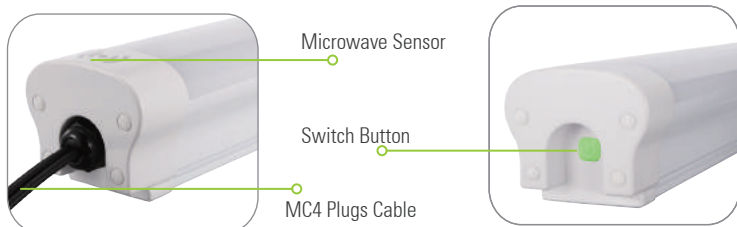
12 Hrs/Day  
130 LM/W



12 | 18 | 24 | 36 | 48 Watts



# Solar Batten Light



Our solar batten light is adapted from our most successful 4G Led Street Light built on the same platform is an answer to a vast solar lighting applications in urban and rural living. Batten Light has built-in Lithium battery and charge controller integrated with high power led source makes the light a unique weather proof lighting fixture with the advantage of solar. The easy MC4 plug in set up makes the light extremely easy for installation and portability. Built with high quality components, Auroras solar batten carport light can meet project requirements as well in any challenging environments. SUNPLUS batten light is able from 12 watts to 48 watts.

## Efficient Control System

MPPT controller is adopted to all of SUNPLUS solar batten light, Charging faster by 30% than PWM controller. It ensures battery full-charged each day and every night without black even if sunshine intensity is not stable all the year round.

## Big Battery Capacity Backup

Compact solar light system with lithium battery inside. More than 4 days autonomy in energy saving mode or 12 hrs working in constant lighting with 100% power. Never worry about out of power any more.

## 72 Variable Lighting Modes

With 72 different lighting modes built-in, Setting a customized lighting mode is pretty by remote. Energy saving and constant lighting modes are switchable freely. What's more lighting brightness and duration can be set separately.

## Better Induction Performance

Microwave (radar) sensor is built-in. Comparing with PIR sensor, it can be triggered in a wider angle and longer distance. Ensuring light get ON or brighter immediately without any delay.

## IP67 Weatherproof Fixture

Complete plastic material external housing,with aluminium bar in side for more efficient heat dissipation, perfectly designed for indoor or outdoor applications. Dust or moisture never goes inside.

## Smooth Lighting Distribution

Using 0.2W SMD led chips as 0.1W only, driven by lower current, More than 130lm/watt practically allows less power achieves higher efficiency than low market solar lights.

## Applications:

Solar batten lights are capable of meeting many applications and challenging solar lighting requirements with extremely simple and easy installation capability. It is a perfect solution for many outdoor applications such as carports, bus shelters, warehouses, temporary shelters, outdoor kiosks, street kiosks, camping tents, Boats or any remote locations where grid is a challenge. Power and length of the lights can be customized to meet different project requirements as well.



## Specification:

Model No.	VBT-X1500	VBT-X2200	VBT-X3000	VBT-X4200	VBT-X5500
Fixture IP	IP67	IP67	IP67	IP67	IP67
Actual Size	92*84*600mm	92*84*600mm	92*84*900mm	92*84*900mm	90*85*1200mm
LED Type	SMD2835 144pcs	SMD2835 192pcs	SMD2835 264pcs	SMD2835 384pcs	SMD2835 504pcs
CCT Range	3000K~6500K	3000K~6500K	3000K~6500K	3000K~6500K	3000K~6500K
Power max	12W	18W	24W	36W	48W
Efficiency max	1500lm	2200lm	3000lm	4200lm	5500lm
Viewing Angle	120°	120°	120°	120°	120°
Sensor Type	Microwave	Microwave	Microwave	Microwave	Microwave
Battery Capacity	144WH 12V	216WH 12V	288WH 12V	396WH 12V	528WH 12V
Charge Time	6 Hours	6 Hours	6 Hours	6 Hours	6 Hours
Max Discharge Time	>48Hours	>48Hours	>48 Hours	>48 Hours	>48 Hours
Controller Type	MPPT	MPPT	MPPT	MPPT	MPPT
Solar Panel	40W 18V Mono	50W 18V Mono	60W 18V Mono	80W 18V Mono	100W 18V Mono
Panel Size	670*420*25mm	700*535*25mm	670*590*25mm	760*670*30mm	1000*670*30mm
Working Temp.	-20 °C ~ +55 °C	-20 °C ~ +55 °C	-20 °C ~ +55 °C	-20 °C ~ +55 °C	-20 °C ~ +55 °C
Control Method	Remote & Switch	Remote & Switch	Remote & Switch	Remote & Switch	Remote & Switch
Lighting Modes	72 modes available	72 modes available	72 modes available	72 modes available	72 modes available
N.W/Light	3.30Kg	3.85Kg	4.75Kg	5.80Kg	7.70Kg
G.W/Light	3.70Kg	4.15Kg	5.20Kg	6.15Kg	8.20Kg
Qty/CTN	6Pcs	6Pcs	6Pcs	6Pcs	6Pcs
CTN Size	70*37*26CM	70*37*26CM	100*37*26CM	70*37*26CM	130*37*26CM



## Magic Remote Controller Manual

Magic remote controller is specially developed for solar batten light, it is a combination of all the possibility of lighting modes required for different lighting application. Not only allowing user to set the power as 20% 40% 60% and 100% freely, but also to change the lighting time from 1 hour to 12 hours easily.

What's more, there are 4 different lighting mode ( A B C D ) built-in, User can set a lighting mode directly , and press the button of time zone to set time.

Also, this remote also support light to work in day time even if the light is charged by solar panel. It makes the light to work in indoor lighting perfectly.

## Key Button Manual

**Power** ON/OFF override button. 100% Light Output

**AUTO** Auto Function (Not Used). By Default Auto Function is programmed ON. (Auto OFF During Day, Auto ON During Night)

**Test** Test Function. Light will operate for 20 seconds.  
- The red indicator light will operate inside the end-cap if the battery is low / over-discharged.

**20%**  
**40%**  
**60%**  
**80%**

Constant light mode

- Amount of Light output depends on the percentage selection.
- By default the light will operate for 12 Hours.
- \* Helpful Hint.  
Select a Time Setting (e.g. 4H) within 5 seconds to modify the default operating time.

**A** Light Output 0%. When sensor triggered - Light Output 100% for 1 minute.  
**B** Light Output 30%. When sensor triggered - Light Output 100% for 1 minute  
**C** Light Output 50%. When sensor triggered - Light Output 100% for 1 minute.

- By default the light will operate for 12 Hours.
- \* Helpful Hint.  
Select a Time Setting (e.g. 9H) within 5 seconds to modify the default operating time.

**D** Light Output 100% (First 6 hours). Light Output 50% (Second 6 hours) - When sensor is triggered - Light Output 100% for 1 minute.  
\* Helpful Hint. Press "D" and a Time Setting (e.g.7H) = 100% for 3.5 hours then 50% for next 3.5 hours + 100% with sensor.

**1H**  
**2H**  
**3H**  
**4H**

Time Setting mode

- Light Duration based on selection.
- \* Helpful Hint.
- Select 20% then 4H. Light will operate at 20% for 4 Hours.
- Select C then 8H. Light will operate at 50% for 8 Hours + 100% if sensor triggered.
- Select D then 3H. Operate at 100% for 1.5 Hours, 50% for 1.5 Hours + 100% with sensor.

**5H** **6H** **7H** **8H** **9H** 5-6-7-8-9 are similar time function as 1-2-3-4....

Notice : The remote should be operated within 3M to light sensor.