SOLAR
LIGHTING SYSTEM

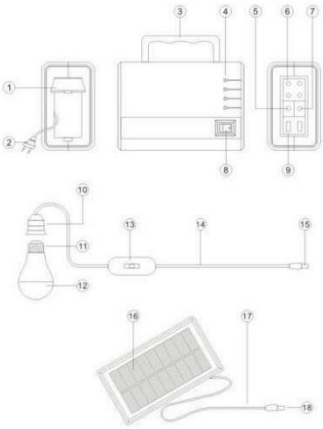
We have sun shine, we have energy !
Make life brighter, make life wonderful !

- *Home lighting*
- *Farm lighting*
- *Night market*
- *Camping*



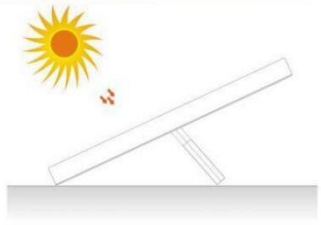
High Energy Saving

Product Function describe



1. AC charging cable
2. Cable compartment cover
3. Handle
4. Charging & Working indicator
5. 12V TV & FAN plug
6. 12V bulb output port
7. 18V Solar charging DC port
8. USB & DC output power switch
9. 5V USB output port
10. E27 lamp holder
11. E27 base
12. LED bulb
13. LED bulb switch
14. Bulb cable
15. Ø 5.5mm LED bulb plug
16. solar panel
17. Solar cable
18. Ø 5.5mm Solar charge plug

Using solar panel sketch map



On the ground

Product characteristics

1. Built-in 12V 5.0Ah rechargeable sealed lead-acid battery
2. Wide voltage range: AC110-240V-0.8A, 50/60Hz
3. AC charging time: 7-8 Hours
4. LED digital indicator
5. Microprocessor controlled digital circuit
6. System with over charge and over discharge protection function.
7. DC 12V output (can charge upto 4 items at one time)
8. Put the bulb plug in to 12V DC output port
9. Support the DC 12V TV less than 17 Inch
10. Support DC 12V Fan & USB Fan
11. USB mobile phone charging

Parameter table

LED Bulbs

Configure the number of	4 x 3W							
Color temperature	6500-7000K							
Cable	4 x 5M							
Quantity of Bulbs	1 Pcs		2 Pcs		3 Pcs		4 Pcs	
	Hi	Low	Hi	Low	Hi	Low	Hi	Low
Lighting time when fully charged	25H Hours	50H Hours	13H Hours	26H Hours	8.5H Hours	17H Hours	6.5H Hours	13H Hours
Luminous Intensity	290 LM	140 LM	X 2	X 2	X 3	X 3	X 4	X 4

The each bulb has a separate switch and Hi or Low option

Solar Panel

Pm / Vpm / Imp.	18V 10W 0.555A
Cable	5M

USB output

The working current for USB output	2.1A / 1.0A

Direction for Use

1. Indicator :
   The four LED lights are capacity indicators ,these indicator will display the battery level on light .
2. Charging time :
   The LED light will flash blue from left to right .When the last one will stop flashing and stay on indicating that it is fully charged.
3. Discharge time:
   The power will display when you open each switch. The LED light will flash blue from right to left in use process, That lights will put out one by one. When the last light start flashing, It means battery is low power, pls charge it in time.
4. Charge the LED bulb by using the system.
   1) Please put the bulb plug in to the 12V DC output port.
   2) Please hang the LED bulb to outdoor or indoor for lighting.
   3) The each bulb has a separate switch and Hi or Low option.
5. Charge the 12V TV & 12V fan by using the system.
   1) please choose the 12V TV less than 15 inch and don't choose the TV more than 17 inch .
   Because of the higher power, its power consumption is larger.
   That will shorten the lighting time
   2) please choose the 12V fan less than 13W
   The higher power fan's power consumption is larger, that will shorten the lighting time
6. Charge the system by using the solar panel.
   1) Place the solar panel towards direct sunlight.
   2) Put the panel cable plug into the DC input jack.
7. In order to get a higher charge efficiency, you can use the below methods:
   1) Solar panel must be orientation sunshine, please DO NOT put it in shadows place !
   2) Wipe the solar panel surface with a wet cloth on a regular basis to avoid resisting the sunlight caused from dust/dirt.
   3) Place the lighting system in a shady or cool area when charging, so that it can increase the charge efficiency.
8. Charging mobile phones:
   Allocate a connection line and connectors. Operation Steps:
   1) Plug the USB line into the USB output port.
   2) Connect the mobile phone through the connector, then charge the mobile phone (Support USB fan).

- **This product is suitable for household or backup lighting, camping, night market, street vendor , can be used anywhere, it's very convenient.**

WARNING !!!

The bulbs are made with the brightest SMD LED light source , please DO NOT look at them directly.

Warm prompt

1. When the LED bulb goes dim, please charge the system immediately, otherwise the battery will be earlier damaged if the product for a long time without a charged.
2. Battery maintenance and Use skills:
   The system uses a 12V 5.0Ah Lead-acid Maintenance free rechargeable battery, in order to keep the longest life.
   Please charge the battery at least once every 3 months, even if you are not using it. (When replacing the battery. only use 12V lead-acid battery)



SOLAR CHARGING
Caution : Don't using solar panel to charge more than 18V, so as to avoid unnecessary damage.



RAINY WEATHER
In the rainy season, the battery can not be full charged by solar panel, DO NOT use when the light getting dim, otherwise will damage the battery.



DARK CAMPSITE
Solar charging light, can get the energy from outdoor sunlight and support night illumination.

Thank you for choose solar rechargeable items.