

# Instruction Manual

## Integrated Solar Street Light

### All In One (AIO) Solar Street Light

- 10W
- 20W
- 30W
- 50W
- 80W
- 100W
- Customized \_\_\_\_\_



**Brief:**

Our integrated solar street light which integrates the green-energy parts solar panel, LED lamp and the Lithium battery into a single product, with intelligence induction system to gain the solution of low-energy, long-time, high-luminance and free maintenance. And the same time, it's convenient in the shipment and installation.

**Purpose:**

To be installed in the garden, residential area, courtyard, road, mine area or parking area or provide the light in roads where it's necessary, the battery provide the energy for lighting, and the solar panel charge for the battery.

**Product parts:**

The product is made up with the integrated parts (Solar panel, Lithium battery, LED, Intelligent controller and Intelligence induction system), which can be installed on the pole or wall directly.

**Working characters:**

The solar panel converts sunlight into electricity and stored in Lithium battery via controller, the LED light will work in night automatically by light sensor control, and provide light for the darkness area, the intelligence induction system can save the energy when the strong lighting is not necessary.



**Manual:**

- .“All in One solar street light”can not work without sunshine charging, please select the suitable product model according to the local sunshine radiation and the annual total radiation.

- .“All in One solar street light” adopts the long life Lithium battery for storing energy, charging temperature at day time is between:  $0^{\circ}\text{C} \sim +60^{\circ}\text{C}$ , when temperature goes lower than  $0^{\circ}\text{C}$ , the control system will stop automatically to protect the battery, and it will revive to charge the battery while temperature goes higher than  $0^{\circ}\text{C}$ . Discharging temperature at night is between:  $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$ , any ambient beyond will bring damage to the battery. Please confirm if your local extreme temperature is suitable for above while selecting the street light.

- .Battery of the “All in One solar street light” can be stored for 6 months long after full charged, and please examine, charge it periodically after long time transportation to prevent damage.

- .While installed in Northern Hemisphere, please make sure the surface of the solar panel to be facing the South to collect maximum sunshine radiation, While installed in Southern Hemisphere, please make sure the surface of the solar panel to be facing the North to collect maximum sunshine radiation. At the same time please keep it away from any shadow of house, trees etc.

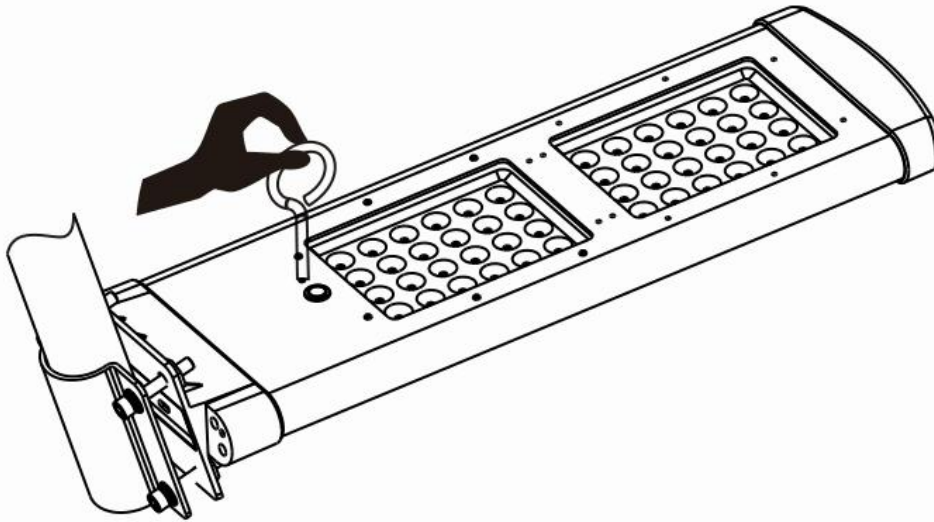
- .Keep clearing the surface of the All in One solar street light with normal detergent to get maximum power generation, clear the dust or tree leaves or any grease.



## Operation Instructions

### 1. How to Unlock the working system?

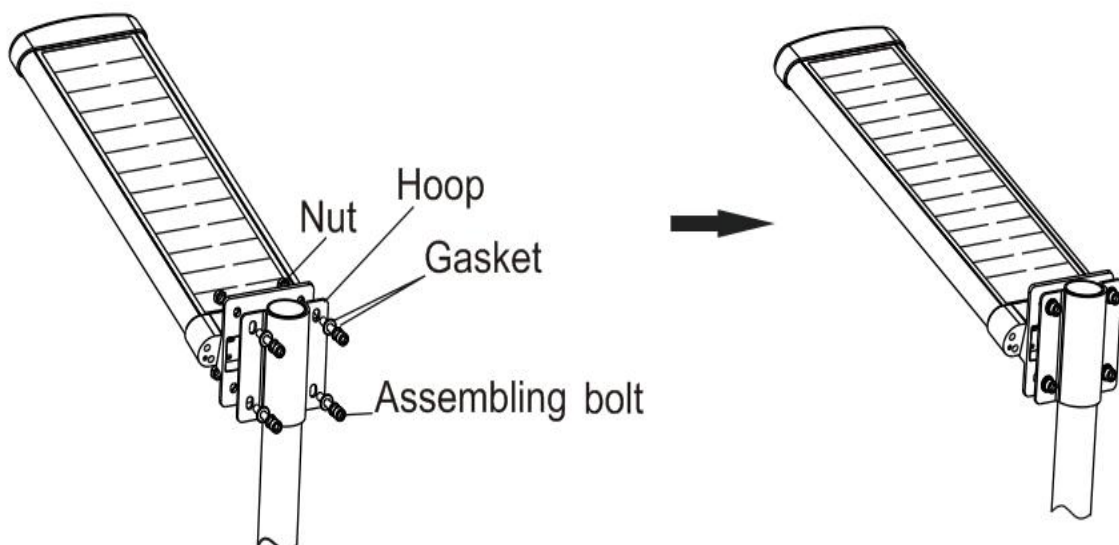
The internal battery is locked from factory for safety shipment, so users have to use supplied key pin to click “on/off” socket to unlock the battery and lighting system.



### 2. How to install the device?

Please notice to install the light to the place without any shade and better face to south to get good sunlight for charging.

For street / roadway lighting, we suggest to install 10M distance between each light.



### 3. How to Use Remote Controller if any?

Remote Controller is not necessary, it only for some lamp and some order, here is instructions for remote controller.

Standard lighting mode is "M" or customized according to requirements. Please contact sales for further details before Change lighting mode.

**DEMO:** No matter day or night, light "on" for **2** minute.  
Only for test use.

**OFF:** No matter day or night, light "OFF".


**L:** At night, 12hrs full power.

**T:** At night, 4 hrs full power + 8hrs 25%.

**M:** At night, 12hrs motion sensor control.

**U:** At night, 4hrs full power + 8hrs motion sensor control.

**Note:** After press "OFF", The light off and won't on anymore.  
Please Press "M" to resume, it will working with "M" mode again.



### Warning

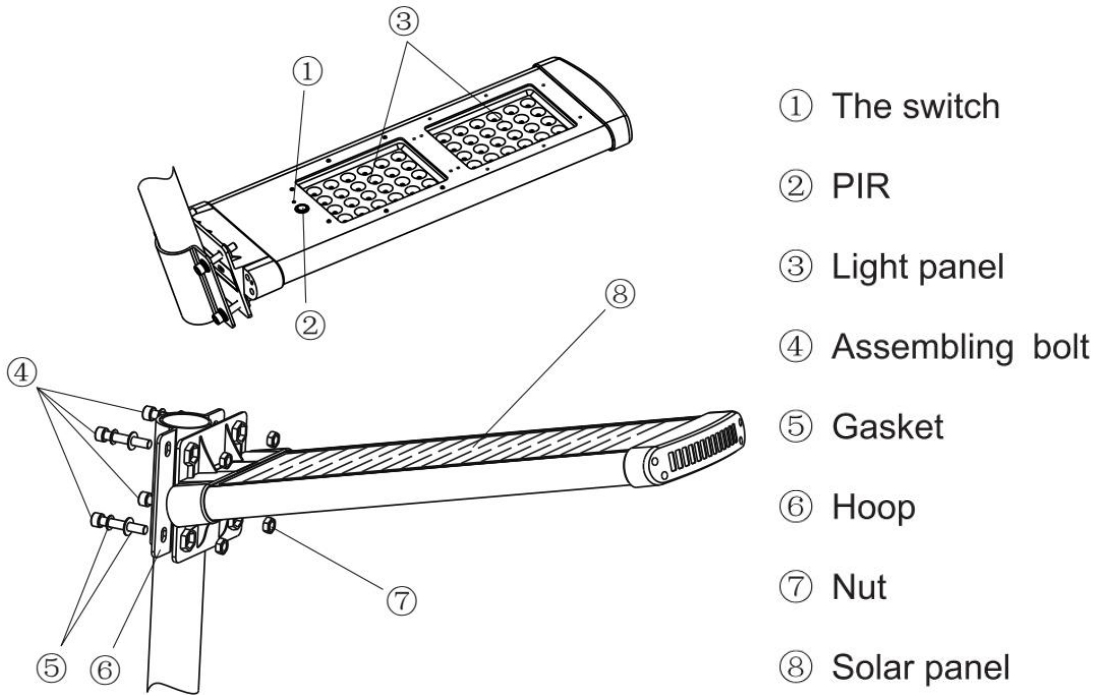
1. Keep the device away from fire, water and moist places in order to avoid explosion, leakage, moisture;
2. Any severe shock or smash to the light is not recommended;
3. No one expect professional technician should attempt to disassemble to the light in order to avoid damaging the light.

### Special Notes

1. Please notice to unlock the battery and working system by supplied Key Pin before install.
2. Please give bright sunlight charging over 5 hours before first time use (You'd better Charge with bright sunlight at daytime and without discharge at night for 3 days before installation), as the battery with only little power from factory.
3. If there is no good sunlight in 3 month, the battery may be out of power, so you have to charge it by sunlight, when it is fully charged, please use supplied Key Pin to unlock the device and lighting system, otherwise, it can't work anymore.
4. If there is no good sunshine or in winter sunlight, especial in North Countries, it may take longer time to fully charge the device and this is very normal for solar products.

**Package include:**

1. Key Pin: 1pc



(The End)