

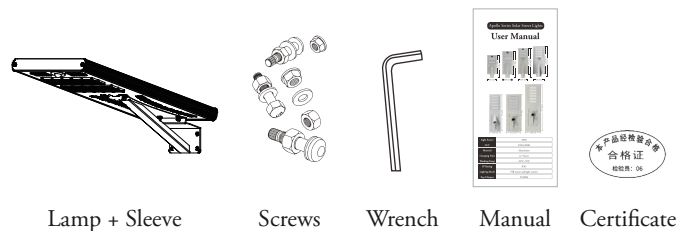
## Warranty Card

Product Name		Contact Person	
Model		Telephone Number	
Purchase Date		Warranty Period	
		Within three years from the date of purchase.	
Return OR Exchange	Return Request	<input type="checkbox"/> Return	<input type="checkbox"/> Exchange
	Reason for return/exchange		
	Suggestion		
Consignee :		Telephone Number :	
Address :			

## Attention Issues

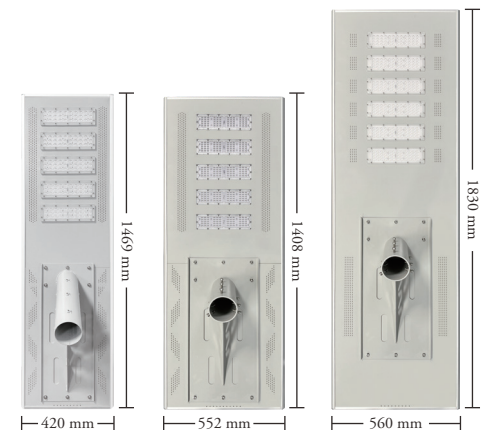
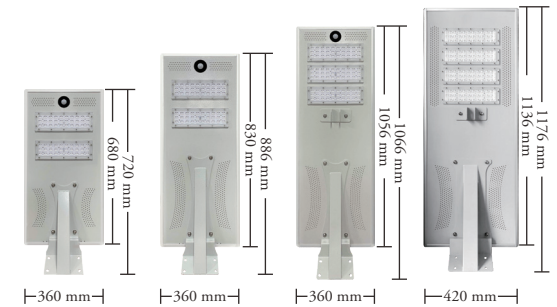
⊘	All-in-one Solar street light" will not work without sun. Please choose the matched model according to the local Sunlight intensity or the total annual radiation of solar energy. In the area of lacking sunlight or in long continuous rainy days, the working time of solar lights would be shortened or can not light up. All-in-one light with mains supply or solar dual-mode electric power supply is suggested to choose in such cases.	!	When installing "All-in-one Solar street light", make the solar panel towards the direction of the sun as far as possible in order to get maximum energy and meanwhile avoid houses or the shadow of obstacles such as trees, otherwise it will reduce the generating efficiency of the solar panel, and due to a shorten working time.
!	"All-in-one Solar street light" selects long life span lithium battery as energy storage device. Discharge condition at night is at temperature - 20 C - + 75 C, battery performance will be damaged beyond this range. Please make sure the local extreme temperature does not exceed the above condition when choosing the "All-in-one models".	!	"All-in-one Solar street light", the clean-up performance of solar panel surface also affects the generating efficiency of the solar panel. So its surface needs to be cleaned, such as dust, leaves, greasy dirt, etc., scrubbed with ordinary cleaner on a regular time is suggested.
!	"All-in-one Solar street light", after fully charged, the battery longest store time can be up to six months. Check the battery in time after long time transport or storage, charge and record it on a regular time. Otherwise, the battery will be damaged.	!	"All-in-one Solar street light", its internal parts are with good waterproof design, all reach IP65 standard. Ventilation holes and cracks on the shell are specially designed for the cooling and drainage. Metal parts are all made of corrosion resistance aluminum or stainless steel, which can tolerate the strict environment of the sea or high heat and high humidity desert.

## Packing List



## Apollo Series Solar Street Lights

# User Manual



Light Source	3030
CCT	2700-6500K
Material	Aluminium
Charging Time	6-7 hours
Working Temp	-20°C-70°C
IP Rating	IP65
Lighting Mode	PIR sensor and light control
Exp Lifespan	50,000h

## Warranty terms:

During the warranty period, if there is malfunction under the normal use in accordance with the operating instructions (judged by the company official staff), product will be free repaired. During the warranty period, any one of the following cases must charge for repair.

- Can not provide the letter of guarantee and valid proof of purchase.
- Malfunction and damage caused by wrong use and improper personal repair.
- Malfunction and damage caused by transport, move, drop after purchasing.
- Malfunction and damage caused by other inevitable external factors.
- Damage caused by using the unspecified power and voltage.
- Product appearance, vulnerable products and accessories are beyond the scope of the warranty.

We make the above guarantee only, no any other express or implied guarantee (including merchantability, and application of a certain rationality and adaptation of implied warranty), whether in contract, civil negligence, or other aspects, our company will not take any responsibility to any special, incidental or consequential damages.



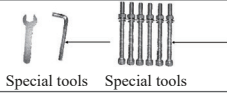
## Installation steps

1

Select the best day-lighting location to set up the pole.  
Appropriated Pole: 3-5 meters height, 40 ~ 100mm diameter, and  $\geq 2.0\text{mm}$  thickness iron rod or steel rod.

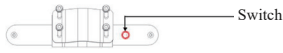
2

Open the packaging and check if components are completed contained.



3

Turn on the switch before installation.



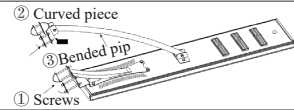
4

Put integrated solar light into the pole, fasten the screws with special tools, and ensure the light is firm.



5

Find out the accessories (①,②,③) and then assemble them as below.



6

Put the finished lamp into the lamp pole, and tighten the four M8 allen screws with a special tool to ensure that the lamp is stable. (as shown bellow)

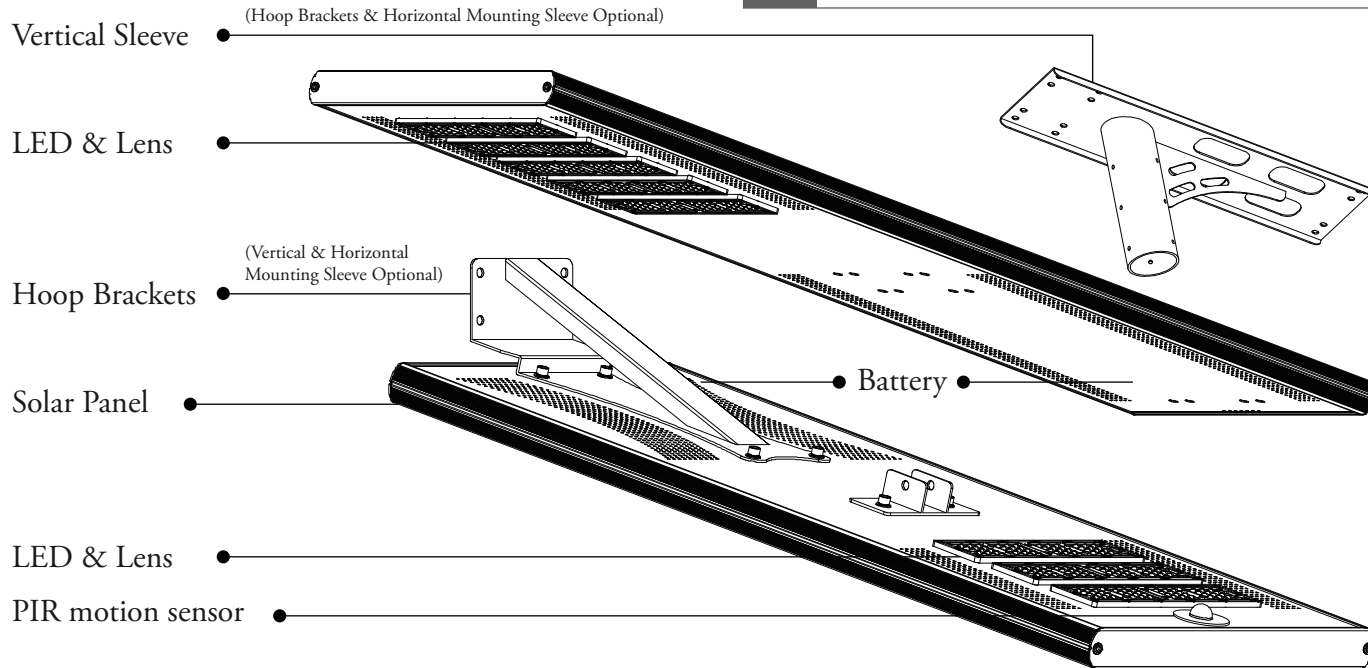


## Trouble Shooting

Phenomenon	Cause	Inspection methods	Solution
Lights not work	Switch turn off	Check whether the switch turns on	Turn on the Switch
	Switch failure	Short-circuit the switch and if it is still lighting up, the switch is failure.	Replace the Switch
	Battery runs out	Long rainy day or wrong installation site could not charge enough power. Open the system, disconnect the battery and use multimeter to check the voltage of the battery, if voltage less than 11V, means battery runs out or in low power cause system couldn't work.	Charge battery by solar panel in daytime, and turn off the switch at night to stop discharge, like this, 2 days could full charge the battery.
	LED Failure	Firstly, adjust the DC power supply to voltage 9V and current less than 1A, then connect the positive and negative electrode of DC power supply to LED, if LED could not light, then the LED is failure.	If confirming LED failure, please contact us to return and replace.
Short lighting time	Low battery	Wrong installation or dust and leaves covering on solar panel cause not enough solar power to battery. 1. Check whether there is dust or leaves covering on the solar panel. 2. Open the system, disconnect the battery and use multimeter to check the voltage of the battery, if voltage less than 11V, then the battery runs out or low power cause system couldn't work.	1. Charge battery by solar panel in daytime, and turn off the switch at night to stop discharge, like this, 2 days could full charge the battery. 2. Clean the solar panel.
	Battery Failure	Open the light and check if battery is dispaced or outer has been damaged. Battery maturing, lights used more than 2 years.	1. If damage caused by transportation, please return to our factory for repairing or replacement. 2. Contact us to buy the same type battery if battery maturing.
No induct	Sensor Failure	Move in the range of detection under the half power lighting condition, if the light not turns to full power, then the sensor is failure.	If confirming failure caused by controller or sensor, please return to our factory for repairing or replacement.
Flashing light	Controller (timer) setting wrong	Intelligent mode opens due to an exceeding output power of the controller and light flashing.	Return to our factory to reset or replace the products.

## Maintenance

- (1) Solar controller is the core component of solar street lights, which has the function of light control, time control, charging and discharging, etc. Keep it dry in use, and don't touch the buttons at discretion. Malfunction must operate in professional instruction.
- (2) Solar panel is the longest life span component in the solar street light, which can be used for 35 years. And in use if it doesn't rain for days, the surface of the solar panel will gather much dust, which will affect the power generating efficiency, need manual cleaning when necessary. Keep the solar panel towards the south, correct it timely if there is swing.
- (3) LED light source has a long service life, general failure rate is extremely low. Dirt cleaning of the whole light source is needed when using 2 to 3 years in case the dirt resists electricity and reduce the brightness of lights.
- (4) The battery itself has certain self-discharge, when the All In One Solar Light is not in use for a long time, please take out the light regularly for charging in the sun.



### Attention issue

Please choose a place where is full of sunlight and can be completely exposed to the sun.

### Attention issue

Notice that the solar panels must not be covered, and must be exposed to the sun.