BK SERIES SOLAR STREET LIGHT

INSTALLATION INSTRUCTIONS

Before installing the Smart Solar Street Lights, Please carefully read the following precautions to avoid damages.

PRECAUTIONS

1.Avoid installing in locations which have permanent shadow covers. This may adversely affect the performance.

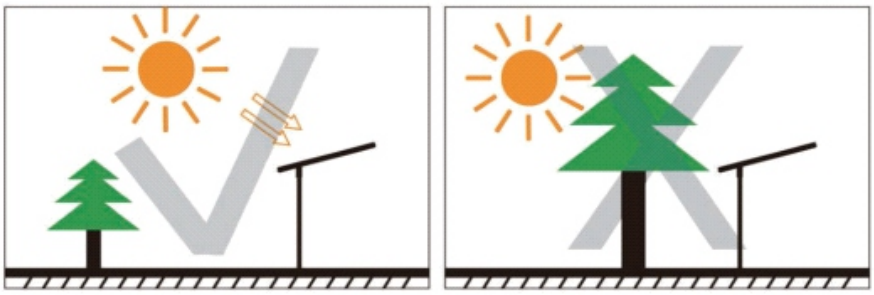
2.Do not install in locations where temperature exceeds the operating temperature range indicated in the technical specifications.

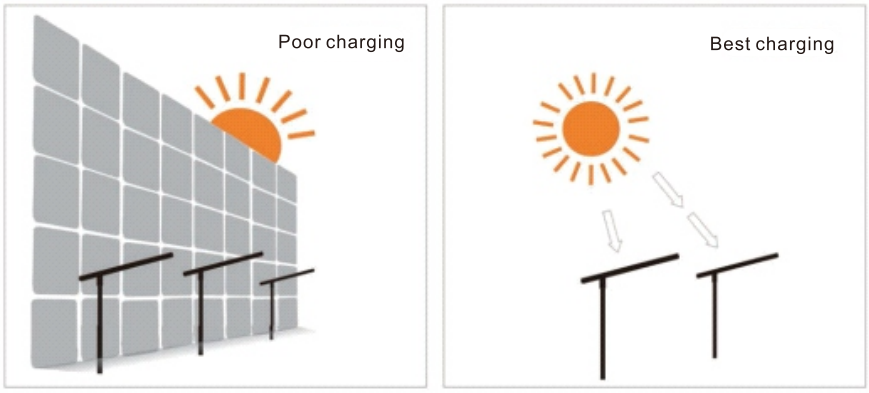
3.Installation in salty environment may require additional precautions. Please follow the guidelines of your local technical support.

4.Avoid accumulation of grit or dust on the product as it may affect the output yield.

5.Please select the suitable model according to the local solar radiation and annual total radiation. We suggest to use both the AC and DC charging models in those places where there is not an adequate sunshine.

6. Do not change the structure or any components of the fixture to ensure safety.





STORAGE AND TRANSPORTATION

The Solar Street Light should be stored in the room temperature ranging from 0°Cto 60°C, and it must be charged between 40 to 60% of its capacity. Our recommendation is to charge the product once every 6 months to prevent over-discharge.

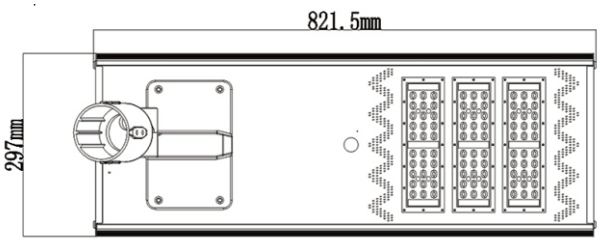
For proper storage, please keep the product separated from other products, as it contains lithium batteries.

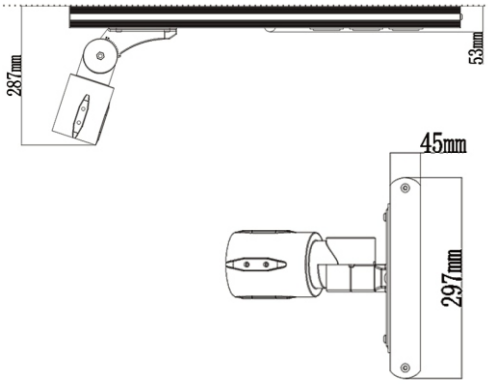
APPLICATIONS

BK SERIES SOLAR STREET LIGHT

INSTALLATION INSTRUCTIONS

>Size:



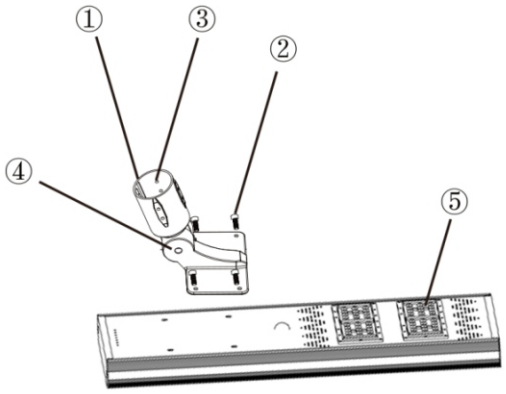


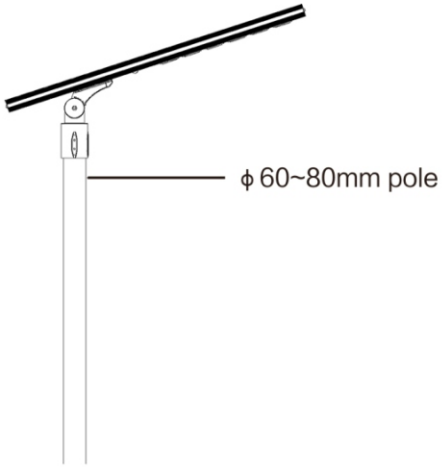
Power	Dimension	Weight
12W	L535*W297*H53mm	5.5kg
15W	L821.5*W297*H53mm	7.4kg
40W	L923*W297*H53mm	8.2kg
60W	L1009*W297*H58mm	9kg
80W	L1123*W297*H58mm	9.8kg

>Tighten fittings to the specified tightening torque:

Thread	Tightening Torque(Nm)
M8*55	2.55-2.8
M8*20	2.55-2.8
M8*25	2.55-2.8

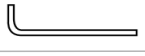
>Parts Functions:





① Adjustable mounting base
② M8*25 screw/M8 Spring Washer/M8 Washer
③ M8*20 screw
④ M8*55 screw/M8 screw nut
⑤ Lamp body

>Parts list:

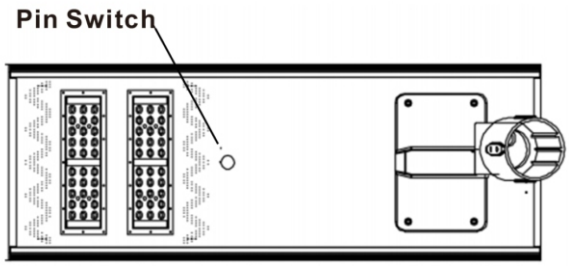
Components		Images	Components		Images
M8*20 screw	6pcs		M8*55 screw	1pcs	
M8*25 screw	4pcs		M8 plain washer	4pcs	
M8 spring washer	4pcs		M5 Allen Key	1pcs	
M8 screw nut	1pcs		M6 Allen Key	1pcs	
Pin	1pcs				
Remote control	1pcs				

BK SERIES SOLAR STREET LIGHT

INSTALLATION INSTRUCTIONS

INSTALLATION STEPS

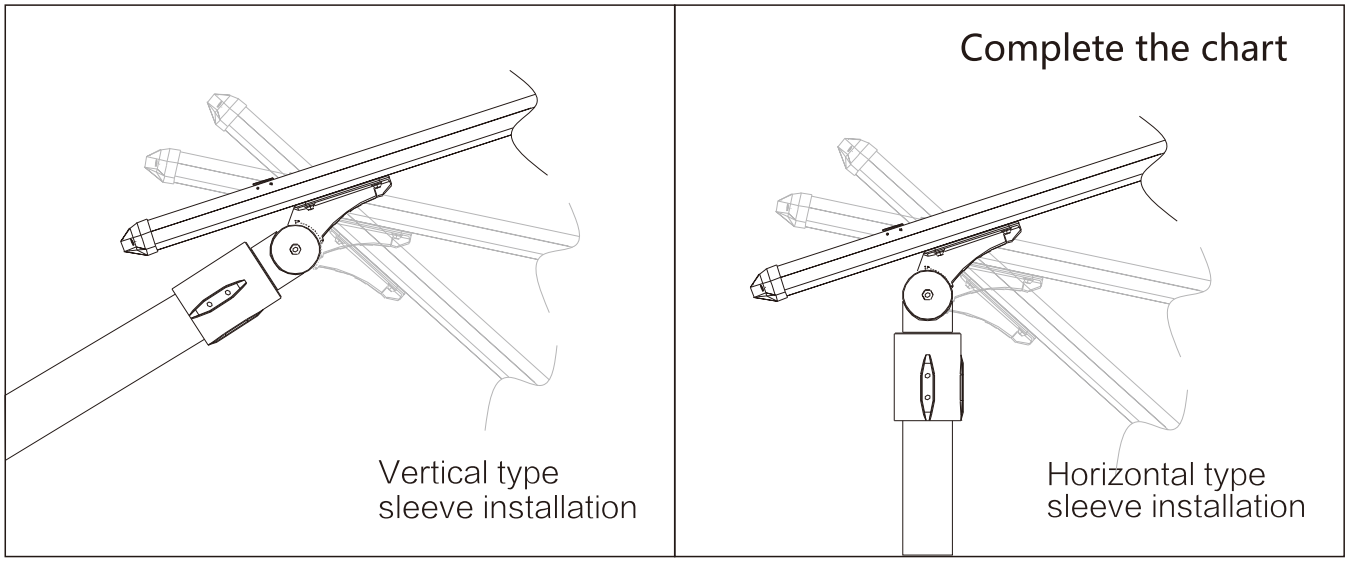
1.Open the packages, take out the lamp and accessories, check all the accessories are present and non-missing.



2.To confirm if the light is working: Place the solar panel side facing down or cover with a cardboard, gently switch on the lamp by the pin in the accessory bag, wait for a few seconds,the light will turn ON.

3.Take out the screw (M8), gasket, spring washer, allen key, etc. from the accessory bag, fix the base and install it on the lamp body.

***Use pin to Switch on the solar lamp after installation on the pole.**



4.Put the solar lamp into the lamp pole, and fix the base with the screws (M8) from the accessory bag, if necessary, adjust the tilt angle of the lamp (0-72 ° adjustable) according to the altitude(only limited to adjustable mounting base), and complete the installation after confirming that the lamp is firmly installed.

*It is recommended to do the installation in sunny days when there is a good possibility of rapid charging. Otherwise, the product will be discharged quickly and it will affect user's experience.

*During installation, one or two persons shall hold the lamp body, and another person shall tighten the nuts, so as to avoid misplacement of the due to force applied during the tightening process, else it would result in nut sticking and subsequently disassembly.

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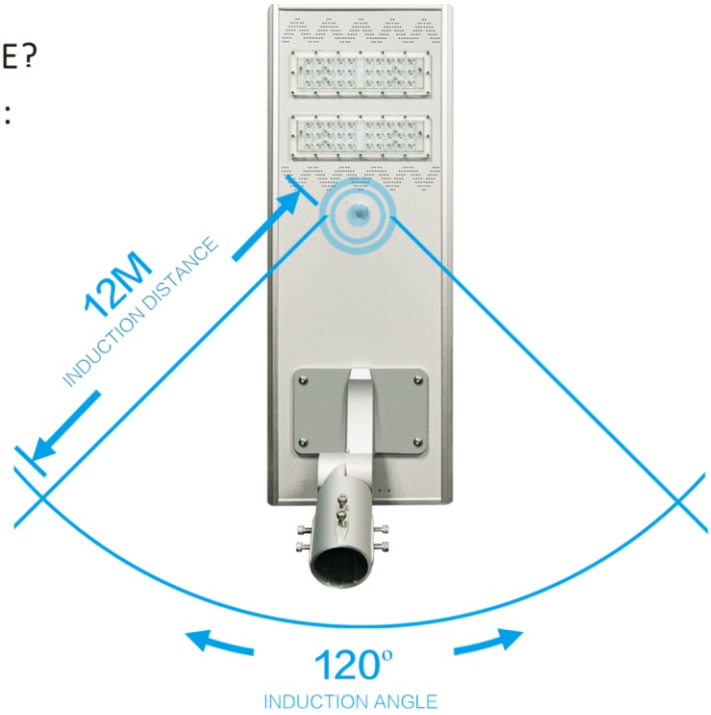
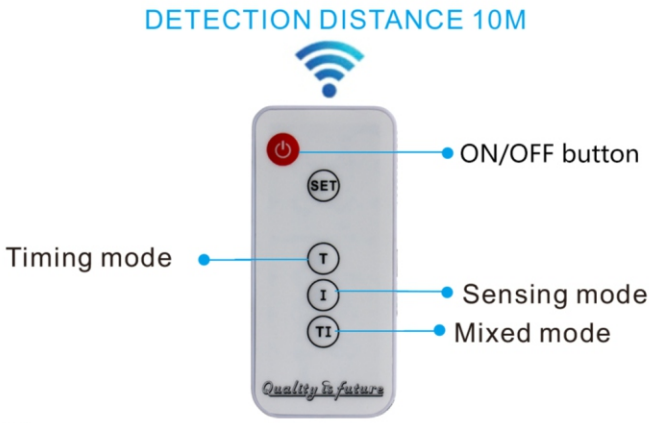
HOW TO USE THE REMOTE?

>Sensor Detection Range:



>Remote Instructions:



Remote Setting:

Turn on the light, then press the SET button, lamp and indicators will be all OFF,

■Press one of the working mode option button(T, I , TI buttton), the BLUE indicator will turn ON.

Features Intelligent Power Management System which offers auto power compensation to optimize the light's overall performance during critical weather conditions and at different geographic locations.

The Solar Street Light should be stored in the room temperature ranging from 0°Cto 60°C, and it must be charged between 40 to 60% of its capacity. Our recommendation is to charge the product once every 6 months to prevent over-discharge.

>Troubleshooting:

Phenomenon	Causes	Test method	Solution
The lamp doesn't work	The switch is not on	Check whether the switch is turned on.	Switch it ON.
	Battery runs out	Extended rainy days or not using for a long time may cause power shortage.	Charge in sunny conditions for 1-2 days, and then observe.Note:Lamp should be switched ON when charging in the daytime, and should be turned OFF during the night.
	LED module Failure	Replace LED module	Contact our seller or sales representative.
Short lighting time	Low battery capacity	1.Improper installation site. 2.Dust or leaves cover the solar panel.	1.Charge in sunny conditions for 1-2 days, and then observe.Note:Lamp should be switched ON when charging in the daytime, and should be turned OFF during the night. 2.Clean the solar panel.
	Battery failure	1.Open the lamp body to check whether or not the battery is damaged. 2.The battery is aging and the service life of the lamp has expired.	If the battery is failed, please contact local seller or sales representative for warranty.
No sensing	Sensor module (controller) failure	Walk under the lamp to see if the lamp has changed from energy -saving mode tofull brightness mode.	If the sensor module (controller) is defective, please contact our sales representative.

>Energy Saving Sensing effect

MAINTENANCE

Our solar lights are designed to be essentially maintenance free.In certain regions with extreme conditions, however, some level of maintenance is required to ensure the proper function of the lights. These regions are typically where there is a risk of dust, snow, or ice covering the solar panels and thus reducing the
power of the lights. In regions with frequent rain, the tilt angle of the solar panels allow for self cleaning of dust.
However, in places where rain is infrequent, periodic manual cleaning of the panels may be required.

Typical maintenance schedule:

•Every 3 Month: Inspect street light panels and clean ones which are covered with dust or sand. The best way to clean the panels is with a brush at the end of a long pole. Care should be taken to avoid damaging the solar panels.
•Every 6-8 Years: Replace the solar street light batteries if the voltages drop below normal levels.The battery has an expect life of 6-8 years.

Note

•Please do not use components from other suppliers for replacement without our allowance, as this may cause damage to the lighting system.
•Do not use water to flush it from top to bottom when cleaning the solar panel Maintenance of each components:

LED Lamp:

1. Throw hard rocks or similar is forbidden;
2. Change the working model as per instruction by the supplier;

Solar panel:

1. Any sharp or hard objects are not allowed to hit the solar panel;
2. Solar panel surface must get clean Every 3 months(2 month if applicable) in case of dust or birds dropping;
3. No shadow should be on the solar panel surface which will affect the power generating,
so it must stay away from the tall building or tree;
4. Direction should face south or southwest.

Battery Package:

1. Battery Package is battery and protection PCB integrated, please don't open it without any default;

DISCLAIMER

By installing or using any of our products in any way for any purpose, you (the customer) do so at entirely at your own risk. We are not responsible for any damages caused by using or installing our products be it personal injury, damage of property, prosecution (from a result of using our products), legal fees or loss of earnings whether our product was fitted correctly as per this 'installation guide' or not.