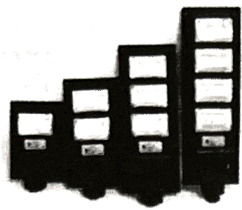
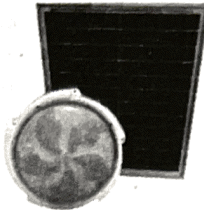


Product installation instructions

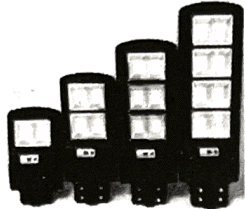
产品安装说明书



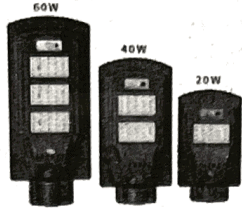
OYD-20W OYD-40W
OYD-60W OYD-90W



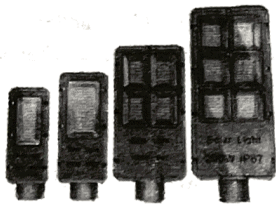
ZJH-40W ZJH-60W ZJH-100W
ZJH-150W ZJH-200W



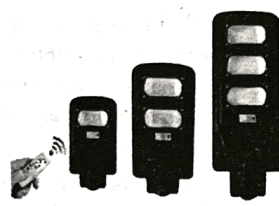
LY-30W LY-60W LY-90W LY-120W



B-20W B-40W B-60W



BL-45W BL-85W BL-125W BL-200W



JB-30W JB-60W JB-90W

Solar Light

Installation instruction 安装指南

1. Examination before the installation 安装前检查

Solar lights have been charged before completion and can work normally. Please check if the light can work normally before the installation. 太阳能灯在出厂前已经充有电，可以正常亮灯，请在安装前检查灯是否正常工作。

(1) Connect the light to the solar panel. When the solar panel is exposed to a strong light, the light won't work. Then if the light is disconnected from solar panel, it can work again. 将灯和太阳能板连接，太阳能灯对着强光，灯不亮，拔掉接头灯亮，光感正常。

(2) The light can be turned on(off) when u press the button "on" (off) on a remote controller in front of the light at a distance of more than 5 meters. 对着灯的正面，离灯5米以上按键ON灯会亮；按键OFF灯会灭，说明等正常，遥控器正常。

Notice 注意:

The remote controller must be used right before the light receiving head at a distance ranging from 8 to 15 meters or it can't work normally. 必须对着灯的遥控器接收头遥控，否则遥控不灵敏，遥控距离8-15m.

2. 2 ways for the installation of the solar panel

太阳能板的安装，可以用以下两种方式安装
Method One: Put the solar panel on the roof (Recommended method)
将太阳能板摆放在楼顶(推荐安装方式)

Method Two: Fix the solar panel on the wall.
将太阳能板钉在墙上

Installation requirements 安装要求:

1. Fix the solar panel and the u-shaped frame with butterfly nuts and 6 millimeters screws firstly.
先用蝴蝶螺母和6厘螺丝将太阳能板和U型架固定。

2. The solar panel is required to face 5 to 10 degrees west of south with a horizontal angle of 30 (45) degrees in the south (north)
要求方向朝南面偏西5-10度，并与水平面成一定的角度(南方30度，北方45度)

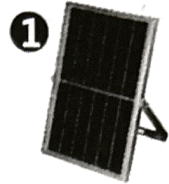
Depending on the local installation perspective, see table 1 below
由于各地纬度不同，请参照当地安装角度，见后面表1



Fix the solar panel with two expansion screws
使用两颗膨胀螺钉把太阳能板固定在墙上

3. The solar panel should not be blocked by buildings or trees to be guaranteed a long time sunshine. And it even cannot be fixed under glasses or indoors. Only in proper and scientific ways can the solar panel be charged efficiently. 要求太阳能板不受建筑物或树木等阻挡，全天受阳光直射包装照射时间最长；更不能将太阳能板安装在玻璃下或室内，只有正确，科学的安装太阳能板才能达到最佳充电效果。

Packing list 装箱清单



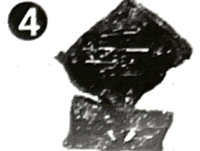
1 solar panel 太阳能板



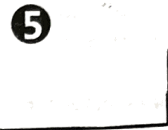
2 solar spotlight 太阳能灯



3 wireless remote controller 无线遥控



4 expansion screw 膨胀螺丝



5 U-shaped frame U型架



6 connecting wire 连接线

- | | |
|---|--|
| 1. solar panel 太阳能板 | one piece 1块 |
| 2. solar spotlight 太阳能灯 | one 1个 |
| 3. wireless remote controller 无线遥控器 | one 1个 |
| 4. expansion screw/butterfly nut/six millimeters screw 膨胀螺丝/蝴蝶螺母/6厘螺丝 | (two pairs/one pair/one pair 2对/1对/1对) |
| 5. U-shaped frame U型架 | one 1个 |
| 6. five meters connecting wire 5米连接线 | one 1条 |

3. The installation of the lamp 灯的安装

(1) Fix the light on the wall with two expansion screw as what the picture shows below:

将灯用两个膨胀螺丝钉在墙上，如下图所示：



Fix the solar panel with two expansion screws
使用2颗膨胀螺钉把太阳能灯固定在墙上

注：太阳能灯安装时，要与水平面成

(2) The light angle can be adjusted according to your need; 角度根据实际需要自行调整

(3) The light cannot be installed in low-lying areas to avoid being immersed in water; 灯具不能装在低洼地区，以免泡水

4. Connected the male head plug with the female one and tighten the waterproof nut to finish the installation; 将公母插头插好，并扭紧防水扭帽，安装完毕

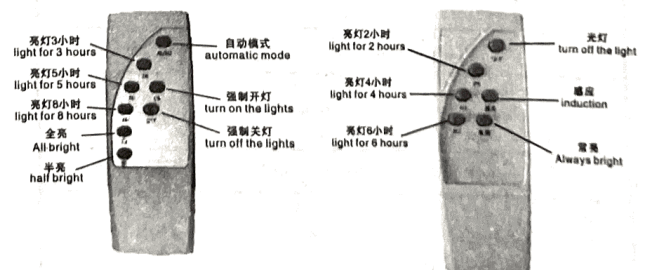


Tighten the waterproof nut after the connection
插上后扭紧扭帽

5. examination after the installment:

- 安装后检查
- 1) Check if the light and the solar panel have been fixed tightly; 检查各安装处是否牢固
 - 2) Check the switch with remote controller; 使用遥控器对灯具进行开关检查

Remote control function introduction: 遥控器功能介绍:



Suggestion: During the cloudy days, you can use the remote controller to control the light to save electrical energy and lengthen the lifetime of the battery.

建议: 连续阴雨天时, 建议使用遥控器进行开关, 节约用电, 也可以延长电池寿命

Important notice 重要提示

1. Do not connect the light with the solar panel of more than 6 volts in order to protect the light!
请不要接到电压6伏以上的太阳能板以免损坏太阳能灯
2. Do not plug the light in a 220 volts alternating current power supply!
请不要接220伏交流电以免损坏太阳能灯
3. Please make sure that the light and the solar panel have been tightly fixed to avoid accidents in windy days!
请注意将太阳能板及灯固定好, 以免刮风时伤到人
4. Do not take the light apart for a good warranty afterwards.
请不要拆开太阳能灯, 以免影响保修
5. Please clean the surface of the solar panel every three months to guarantee the illumination of the light.
为了不影响灯的使用效果, 每隔3个月清理太阳能板表面的灰尘杂物
6. Please check if the wire has come off or been broken.
请定期检查线头有没有脱落或者弄断
7. Please recycle batteries of the solar panel because they can be used again after being processed!
太阳能灯内含有电池, 电池属于可回收物品, 请不要乱扔
8. The light can work over 12 hours only after the battery is fully charged.
电池必须充满电后才可使用12小时以上

☆ 太阳能灯的安装角度要与水平面成

Warm notice 温馨提示

The solar light works on the electric energy the solar panel provides after taking in sunlight, transferring it into electric energy and saving the electric energy in the battery. China started late on solar energy industry and therefore people know little about solar energy and think that as long as there is light in the day, the battery can be fully charged and the light should work at night. In fact, it's wrong!

太阳能灯靠太阳能板吸收太阳光转化为电能, 将电能存储到电池提供给太阳能灯工作。我国的太阳能产业起步较晚, 大家对太阳能认识不多, 以为只要白天有光线, 就能充满电, 到晚上就应该亮灯, 这是错误的!

International standard test conditions for solar panels:
太阳能板的国际标准测试条件:

AM1.5、1000W/m²/25°C

--AM1.5 means that the actual distance of light penetrating the atmosphere is 1.5 times thicker than the vertical thickness of the atmosphere.

AM 1.5是光线通过大气的实际距离为大气垂直厚度的1.5倍

--25°C means the charging temperature.

25°C是指25°C的温度下充电

--1000W/m² means the radiation intensity of the sunlight.

Only with the light of this intensity can solar panel be charged with the maximum electricity.

1000W/m²是太阳光的辐射强度, 只有达到这个强度, 太阳能板才能达到最大的充电电流, 否则达不到最大充电电流

In autumn, winter or during the cloudy days, the sunlight intensity weakens and the charging effect will also reduce, which shortens the illumination time. This is also the situation solar water heaters face sometimes

秋季、冬季以及阴天, 雨天气光照强度比较弱, 充电效果会明显减弱, 因此照明时间会缩短, 跟太阳能热水器一个道理

Product self-examination 产品自检

If lights cannot work you can try the ways below.

若灯具无法使用请尝试以下

- (1) Check if the connecting wire is connected or immersed in water;
检查连接线是否接好或者进水
- (2) Check if wires of solar panel and light have come off or been broken;
检查太阳能板和灯具处的电线是否脱落
- (3) Check if the remote controller is power off or been broken;
检查遥控器是否有电或者损坏
- (4) If there is no problem mentioned above, please contact local dealers
若以上3点没有问题, 请联系当地经销商

Usage 使用方法

- (1) Turning on the light compulsively
Press the button "on" and the light will flash twice.
Press the button "off" and the light will flash twice.
强制开灯, 按ON键, 灯会闪两次
- (2) Automatic model
The light turns on automatically in the day and turns off in the same way at nights.
自动模式, 按OFF键, 灯会闪两次: 天黑, 自动亮灯、天亮, 自动灭灯
- (3) Please take good care of the remote controller. If the controller is lost, it won't affect the work of the light because the light will turn into the automatic model in two days.
遥控器请保管好, 如若丢失, 也不影响使用, 因为隔天会智能转换成自动模式

Product warranty card 产品保修卡

Client information 用户信息	Name名字 Address地址	Phone电话
The first record of after-sales service 第一次售后服务记录		
Date日期 consequence处理结果 Signature of the ascendant 维修人员签名	Fault故障问题 repaired修好 return退换	
The second after-sale service record 第二次售后服务记录		
Date日期 consequence处理结果 Signature of the ascendant 维修人员签名	Fault故障问题 repaired修好 return退换	

Distinguished users 亲爱的用户:

Hello! Thank you very much for purchasing our company's solarlights. It's our duty to provide products of high quality and first-class after-sale service as well as the protection of your consumption rights and interests. Therefore, in accordance with relevant state regulations, our company is implementing warranty terms below

非常感谢您选购我公司的太阳能灯。为您提供优质的产品和售后服务, 充分保护您的消费权益是我们应尽的义务。因此我公司根据国家相关规定, 实施以下保修服务条款:

1. Service commitment 服务承诺:

All our company's solar lights can be returned for a new one in a month and repaired in a year for free since the day you purchased it

所有的本公司太阳能灯, 均享有“一个月包换、一年保修”的服务。

2. Free exchange term 包换条件:

If you find any quality problems about products which are proved to exist before the purchase by our company in a month from the day you have purchased them, you can exchange for new ones for free and our company will pay the freight. If products are proved to have no problem or suffer man-made sabotage, our company won't afford the freight and fee for repair. 自购买之日起一个月内, 经我公司检验确属产品本身质量问题, 无条件更换相同型号之产品, 来回运费由我司承担。如经检测产品无问题或人为损坏, 来回运费由客户承担, 并收取维修的费用。

3. Free repair term 保修条例:

(1) Our products has one year warranty period and our company will pay the freight. If products are proved to have no problem or suffer man-made sabotage, our company won't afford the freight and the fee for repair. 凡正常使用中出现质量问题, 自购买之日起一年内可享受免费保修服务, 来回运费由我司承担, 如经检测产品无问题或人为损坏, 来回运费由客户承担并收取维修的费用。

(2) Product cannot get free repair for its appearance.

产品外观损坏等不实施包换政策。

(3) Fittings and gifts of products cannot be returned or get free repair.

产品配件及赠品不属包换、保修或维修范围。

(4) Customers must carry the warranty card and the purchase card to get after-sales service.

顾客凭保修卡和购买凭证享受售后服务。

4. You must pay the repair in the following cases:

在下列情况, 保修卡自动失效, 本公司仅提供维修服务:

(1) The warranty card or the purchase card are lost, rewritten and out of date 此保修卡或购买凭证丢失、涂改或过期;

(2) Products break down because of man-made sabotage, natural disaster and improper operations

因天灾、人为或不当操作等非产品本身故障;

(3) Products have been repaired, told apart and refitted by people our company didn't authorize

产品曾被非我司授权人员维修、拆装或改装;

(4) Products can't be recognized or their appearance suffer a heavy damage

产品外观严重破损或不能辨识;

(5) Product's warranty period has over one year 超过保修期。