

· 安装太阳能路灯注意事项

Install Requirements

- 1、太阳能板安装在太阳光直射的地方，安装角度为安装位置所在地纬度加1°。
- 2、请不要将太阳能板安装在能被建筑物或者树木遮挡到阳光的地方，太阳能板被遮挡后发电效率会显著下降。
- 3、太阳能板不能安装到夜间灯光可以照亮的区域。
- 4、组装灯具时，测试灯具。插紧太阳能板和灯头的防水插头插座，充电指示灯亮起；然后拨开，灯亮起，检测完成。

1. Install the solar panel under the place with direct sunlight.
2. Please do not install the solar panel at the place where covered by building or trees, otherwise will influence the solar panel absorbing the sunlight.
3. Solar panel can't be installed at bright place at night.
4. Pls testing the lamp when you assemble the lamp. Plug the waterproof plug and socket of the solar panel and lamp head, the red charging indicator light is on; then unplug, the lamp is on, and the test will be completed.

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· 使用说明书

Operation manual:

- 1、灯具安装完成后，注意插紧太阳能板和灯头的防水插头插座，并拧紧防水帽。
- 2、天黑后灯具自动亮起，天亮后灯具自动熄灭。
- 3、通过遥控器强制开关灯具，调节亮度，定时和取消定时。
- 4、灯具的遥控距离20-25米。（中间无障碍物）
- 5、安装完成后，让灯具自动充电4-6小时。

1. After install the solar panel, connect the solar panel to the lamp with waterproof wire.
2. The lamp has light control function, it will turn off under bright area, and turn on at dark area.
3. Use remote control turn on/off, dimmer, and time the lamp.
4. Use the remoter within 20-25M (no object between remoter and lamp)
5. Make sure charge the lamp 4 hours when use it the first time.

· 遥控器功能介绍

Remote control:

ON / OFF ON: Turn on the lamp OFF: Turn off the lamp		开关机 ON: 开机 OFF: 关机
DIMMER "-": short press reduce 10% brightness. "+": short press add 10% brightness. 25% brightness, 50% brightness, 75% brightness, 100% brightness.		调光区 减号“-”：每按一次亮度减少10%。 加号“+”：每按一次亮度增加10%。 25%、50%、75%、100% 对应相应的亮度值，按一次即可设定好相应亮度
TIME Turn on the lamp after 3H, 6H, 9H. The lamp will flash 3 times when it's pressed. TIME OFF: Cancel the timer. Note: The lamp will remember setting after you press the timer 3H, 6H, 9H. So pls press TIME OFF if you want cancel the timer.		定时区 3小时、6小时、9小时，按一次按键灯闪3次，表示灯具接收定时信号，TIME OFF为定时取消，按此一次后，定时取消。 注意：灯具定时后，如果不按定时取消，灯具将始终保持定时状态。

· 注意事项

Attention:

- 1、定期清理太阳能板表面灰尘，保证太阳能板表面清洁。
- 2、非专业人员，请不要擅自打开灯具。
1. Please make sure no obstructions on the solar panel and avoid installing at bright place at night.
2. Do not open the charging part if you are not a professional technician, in case any damage to the lamp.

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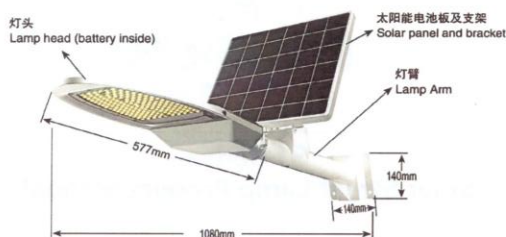
S1系列 太阳能一体化路灯 使用说明书

S1 Series Solar Street Lamp Product Manual



· 一体化太阳能路灯简介

Solar street Lamp Introduction



本灯具为专利款太阳能路灯，采用超大电池仓、专属路灯配光、专属挑臂和配件。配置丰富、坚固美观；安装简便、应用广泛；超高亮度、智能节能，长寿命免维护。

- 1、配置丰富、坚固美观：灯体为ADC12压铸铝，户外专用喷涂，坚固耐腐蚀；超大电池仓设计，让配置更丰富；专属挑臂和配件，实现了太阳能板水平360°和垂直270度旋转，有效的提高太阳能板的发电效率。
- 2、安装简便、应用广泛：专业设计的底座、灯杆和水泥杆抱箍，可以方便快捷的将灯具安装到墙壁、灯杆和水泥杆。Φ60MM灯头连接件，可以轻松实现对老旧路灯的改造。免布线，成本更低。
- 3、超高亮度：采用大芯片SMD灯珠，配合75°x150°路灯专用PC透镜，透光率90%以上，光效高达160lm/W，更适合道路照明。
- 4、智能节能：采用智能IC控制，天黑自动亮、天亮自动关、遥控定时、遥控设定亮度，真正零耗电。
- 5、长寿命免维护：采用磷酸铁锂电池，电池循环次数1500次以上，寿命达8年以上。

The lamp is patented solar street lamp, using super large battery box, exclusive street lamp lens, exclusive arms and accessories. Rich configuration, strong and beautiful; simple installation, wide application; ultra-high brightness, intelligent energy saving, longevity and maintenance-free.

1. Rich configuration, strong and beautiful: The lamp body is ADC12 aluminum die-casting, outdoor special painting, solid corrosion resistance; super large battery box design, so that the configuration is richer; exclusive arms and accessories, to achieve horizontal 360° and vertical 270° rotation of solar panels, effectively improve the power generation efficiency of solar panels.

2. simple installation, wide application: the professionally designed base, lamp pole and cement pole hoop, can quickly install the lamp to the wall, lamp pole and cement pole. φ 60mm lamp head connector can easily realize the transformation of the old street lamp. Free wiring, lower cost.

3. ultra-high brightness: using large chip SMD LED, and with 75° x 150° street lamp pc lens, the transmittance is more than 90%, the light efficiency is 160lm w, more suitable for road lighting.

4. Intelligent energy saving: using intelligent IC, dark automatic lighting, dawn automatic off, remote control timing, remote control setting brightness, real power free.

5. Longevity and maintenance - free: using Li-FePO4 battery, battery cycle more than 1500 times, life up to 8 years

· 应用范围

Applications

广泛应用于街道、道路、住宅区、风景名胜區、公园、广场、私家花园等户外场所。它有助于创造一个更安全的环境，增加人们的户外夜间活动。

It is widely used in street, roads, residential areas, scenic spots, parks, squares, private gardens and other outdoor places. it helps create a safer environment and can increase people's outdoor night activities.

· 一体化太阳能路灯应用场景图

Actual Images of solar street lamp



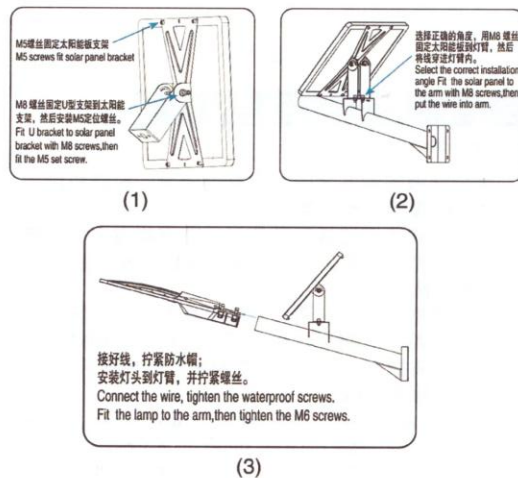
· 一体化太阳能路灯参数表

Solar street Lamp Technical Data

型号	CNSDPV-40SL	CNSDPV-60SL	CNSDPV-100SL	CNSDPV-150SL
灯珠功率	40W	60W	100W	150W
太阳能电池板	Poly-crystalline silicon solar cells			
Solar panel	A级单晶硅太阳能电池板			
电池	磷酸铁锂电池			
Battery	LiFePO4 battery			
光源	LED SMD2835			
LED chips	LED SMD2835			
充电时间	4-6小时标准充电			
Charging time	4-6hours(standard charging)			
工作时间	100% > 8小时, 75% > 12小时, 50% > 16小时, 25% > 32小时			
working time	100% > 8hours, 75% > 12hours, 50% > 16hours, 25% > 32hours			
亮灯模式	常亮模式			
lighting model	normally-ON model			
遥控距离	20-25M			
Remote distance	20-25M			
安装高度	5-10M			
Install height	5-10M			
安装距离	15-30M			
Install distance	15-30M			
照射面积	150	180	210	240
Illumination area	150	180	210	240
工作温度	-40° 到 55°			
Working Temp	-40° TO 55°			

· 安装示意图

Installation Diagram



· 安装方式

Installation mode