



PRODUCT CATALOGUE



LED SOLAR LIGHTING

太阳能照明



01

Solar Lawn Lamp 太阳能草坪灯

02

Solar Garden Light 太阳能庭院灯

03

Solar Street Light 太阳能道路灯



About us

Changzhou Cheemey was found in 2004. Located in Hengshanqiao Town, Changzhou City, Jiangsu Province, China, it has more than 100 employees and engineers and a factory space of 4000 square meters.

Cheemey is mainly a specialized professional manufacture of the solar light products, focusing on the research, development and manufacturing in this industry. It has annual production capacity of 150,000 sets of various solar light products.

常州驰美照明电器有限公司成立于2004年，公司位于江苏省常州市武进区横山桥镇，现有100多名员工，厂房占地面积4000平方米，公司生产太阳能中高端灯具，致力于太阳能灯具的研发与生产，现有生产产能达到每年150000套，拥有各种压铸、旋压、冲压加工等模具800余套，焊接、喷涂、装配等生产和检测设备100余套。



Cheemey has rich experiences in manufacturing the solar lights and LED products and its main products include solar garden lights, lawn lights, wall lights, street lights, and integrated solar street lights. It has 800 sets of molds and more than 100 pieces of specialized manufacturing equipment.

It reserves no effort in developing and making high quality and best cost-effected products and providing various solar light solutions, striving for creating values for customers by constantly strengthening its market competitiveness.

驰美具有丰富的太阳能LED灯具生产和研发经验，公司主要生产和研发太阳能草坪灯、太阳能壁灯、太阳能一体化庭院灯、太阳能一体化路灯等产品；公司产品除在国内销售外还独立经营出口到欧美、澳洲、东南亚、中东、非洲等地区和国家。

公司自创办以来，一直以高质量、高性价比为产品生产及设计的核心，快速地为提供各种太阳能灯具照明方案，不断追求产品的市场竞争力。





Certificate of Honor 荣誉证书



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PV-G001



G001A

G001B

G001C

PV-G001D



Item No. 型号	PV-G001	PV-G001D
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	4.5W, SMD 2835	4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	495lm~540lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	840*310*320mm	840*310*320mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G002



G002A

G002B

G002C

PV-G002D



Item No. 型号	PV-G002	PV-G002D
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	4.5W, SMD 2835	4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	495lm~540lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	840*310*320mm	840*320*330mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G002 MINI



PV-G003A



Item No. 型号	PV-G002MINI	PV-G003A
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	3W, SMD 2835	4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	330lm~360lm	495lm~540lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	7h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	620*230*240mm	840*360*380mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G003B

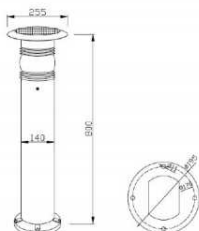


PV-G004

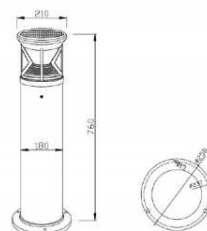


Item No. 型号	PV-G003B	PV-G004
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	4.5W, SMD 2835	4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	495lm~540lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	840*320*330mm	445*415*300mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G005

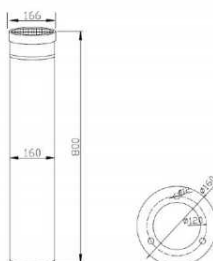


PV-G006

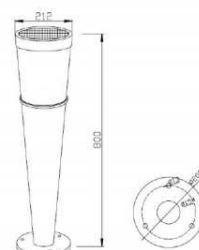


Item No. 型号	PV-G005	PV-G006
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V,6AH LiFePO4 Lithium Battery	3.2V,6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	840*310*320mm	800*310*320mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G007

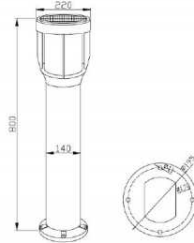


PV-G008

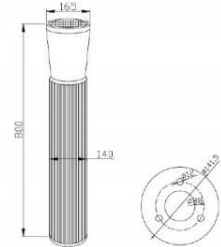


Item No. 型号	PV-G007	PV-G008
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V,6AH LiFePO4 Lithium Battery	3.2V,6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	840*210*220mm	860*260*270mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G009

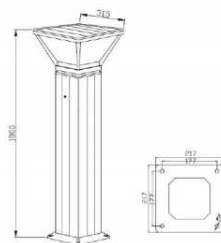


PV-G010

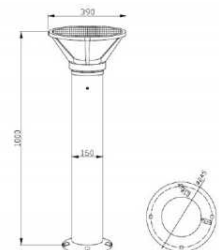


Item No. 型号	PV-G009	PV-G010
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V,6AH LiFePO4 Lithium Battery	3.2V,6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	860*280*280mm	840*210*210mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G011



PV-G012



Item No. 型号	PV-G011	PV-G012
Solar Panel 太阳能电池板	5V/10.5W Mono Solar Panel, Grade A	5V/10.5W Mono Solar Panel, Grade A
LED 芯片	6W, SMD 2835	6W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	660lm~720lm	660lm~720lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	1045*365*365mm	840*210*210mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G011B

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



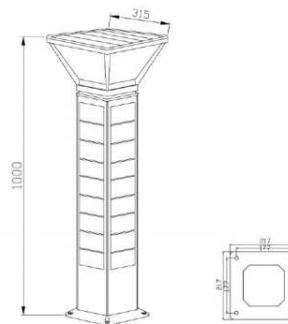
KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳

Full-automatic light & time control
Smart energy saving working mode
The unique 5-sided solar panel design
Installation free / Maintenance free

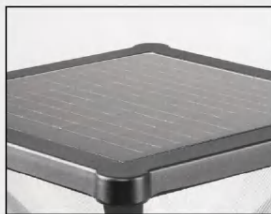
全自动光感与时控
智能节能工作模式
独特五面太阳能板设计
免安装/免维护



Technical Specification	
Solar Panel 太阳能电池板	5V/10.5W+5V/17W*4 Mono Solar Panel, Grade A
LED 芯片	20W, SMD 3030, 5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	2200lm~2400lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 45AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C
Package Size 包装尺寸	1045*365*365mm

DETAIL DISPLAY



The high-efficiency solar panel adopts a special lamination process to ensure strong adhesion between the EVA, tempered glass, and backsheet. This results in excellent performance, long lifespan, and high power generation efficiency of the solar module.

高效太阳能电池板采用特殊层压工艺，确保EVA胶膜、钢化玻璃与背板之间具有极强的粘合力，从而使光伏组件具备卓越的性能表现、长久的使用寿命以及优异的发电效率。



The LiFePO4 lithium battery has a cycle life of over 2000 charges, with safe usage—no fire or explosion risks. It is heat-resistant, high-capacity, and environmentally friendly—non-toxic and pollution-free.

磷酸铁锂电池循环充电次数超过2000次，使用安全，无起火或爆炸风险。具有耐高温、高容量特性，且环保无毒无污染。



High-efficiency energy-saving LED beads, featuring compact size, long lifespan, low power consumption, high brightness, fast response, eco-friendliness (pollution-free), with support for dimming control.

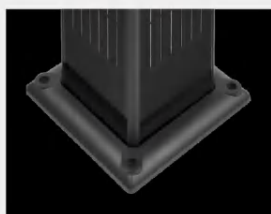
高效节能LED灯珠，具有体积小、寿命长、功耗低、亮度高、响应速度快、环保无污染等特点，并支持调光控制。



The controller features light-control and time-control dimming functions, intelligently sensing light intensity to automatically turn on the lights at dusk. Constructed with a stainless steel switch design, it ensures the battery remains powered off during transportation for safety.

控制器具有光控和时控调光功能，智能感应光线强度，在黄昏时自动开启亮灯。

不锈钢开关设计，确保电池断电，保障运输安全。

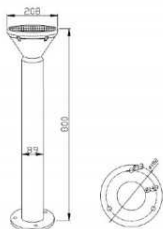


The base is securely fixed to the ground with bolts, ensuring stability and wind resistance. The design incorporates drainage and rust prevention, adapting to various terrains for easy installation and long-lasting durability.

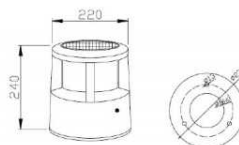
底座通过螺栓牢固固定于地面，确保稳定性和抗风能力。该设计融合排水与防锈功能，可适应多种地形，安装便捷且经久耐用。



PV-G013

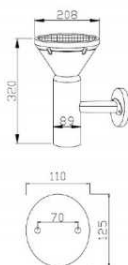


PV-G014

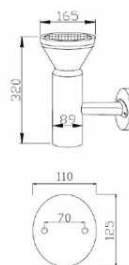


Item No. 型号	PV-G013	PV-G014
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V,6AH LiFePO4 Lithium Battery	3.2V,6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	850*260*270mm	295*295*330mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G015



PV-G016



Item No. 型号	PV-G015	PV-G016
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V,6AH LiFePO4 Lithium Battery	3.2V,6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	370*370*250mm	370*370*250mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G017



PV-G018



Item No. 型号	PV-G017	PV-G018
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	4.5W, SMD 2835	4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	495lm~540lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	850*310*320mm	445*415*300mm
Number Of Packing 包装数量	1 set/carton	1 set/carton]

PV-G019



PV-G020



Item No. 型号	PV-G019	PV-G020
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	4.5W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 6 AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	800*310*320mm	850*345*345mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G021



PV-G022



Item No. 型号	PV-G021	PV-G022
Solar Panel 太阳能电池板	5V/10.5W Mono Solar Panel, Grade A	5V/10.5W Mono Solar Panel, Grade A
LED 芯片	6W, SMD 2835	6W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	660lm~720lm	660lm~720lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	650*370*400mm	850*310*320mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G022 MINI

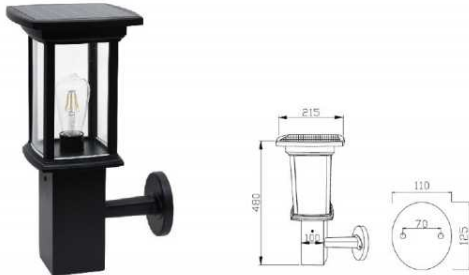


PV-G023



Item No. 型号	PV-G022MINI	PV-G023
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A	5V/5W Mono Solar Panel, Grade A
LED 芯片	3W, SMD 2835	3.5W, S164 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	330lm~360lm	385lm~420lm
Color Temperature 色温	3000K~6500K	3000K/6000K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)	8h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	820*230*240mm	820*280*280mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G024



PV-G025



Item No. 型号	PV-G024	PV-G025
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	3.5W, ST64 LED Filament Bulb	4.5W, ST64 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	385lm~420lm	495lm~540lm
Color Temperature 色温	3000K/6000K	3000K/6000K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	8h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	510*350*280mm	820*280*280mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G026

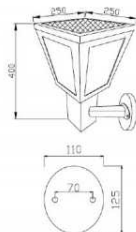


PV-G027

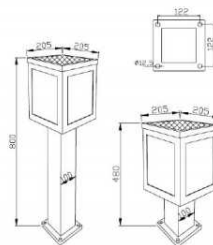


Item No. 型号	PV-G026	PV-G027
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	4.5W, ST64 LED Filament Bulb	4.5W, ST64 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	495lm~540lm
Color Temperature 色温	3000K/6000K	3000K/6000K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	510*350*280mm	830*300*310mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G028

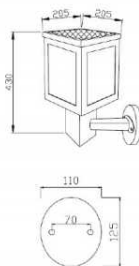


PV-G029

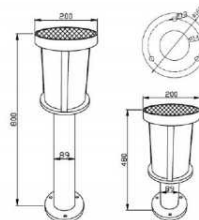


Item No. 型号	PV-G028	PV-G029
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/5W Mono Solar Panel, Grade A
LED 芯片	4.5W, ST64 LED Filament Bulb	3.5W, ST64 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	385lm~420lm
Color Temperature 色温	3000K/6000K	3000K/6000K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)	8h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	340*290*440mm	830*245*250mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G030



PV-G031



Item No. 型号	PV-G030	PV-G031
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	3.5W, ST64 LED Filament Bulb	2W, ST64 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	385lm~420lm	220lm~240lm
Color Temperature 色温	3000K/6000K	3000K/6000K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery	3.2V/6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	8h(AM1.5,1000W/m²,25°C)	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	310*250*470mm	830*240*250mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G032

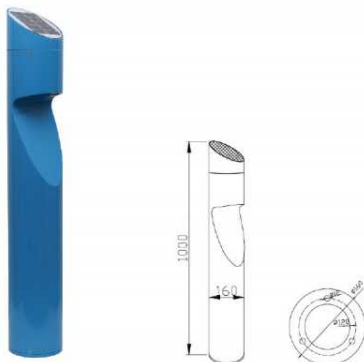


PV-G033



Item No. 型号	PV-G032	PV-G033
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/6.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD LED Filament Bulb	4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	495lm~540lm
Color Temperature 色温	3000K/6000K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5, 1000W/m², 25°C)	6h(AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	310*250*520mm	830*255*260mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G035A

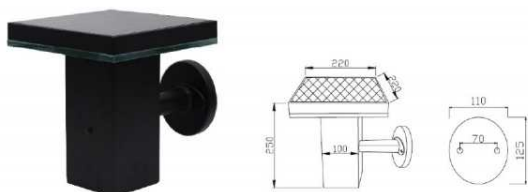


PV-G035B



Item No. 型号	PV-G035A	PV-G035B
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD 2835	2W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm	220lm~240lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery	3.2V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5, 1000W/m², 25°C)	6h(AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	1040*210*210mm	830*230*230mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G034



PV-G036



Item No. 型号	PV-G034	PV-G036
Solar Panel 太阳能电池板	5V/6.5W Mono Solar Panel, Grade A	5V/5W Mono Solar Panel, Grade A
LED 芯片	4.5W, SMD 2835	3W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	495lm~540lm	330lm~360lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 1.5AH LiFePO4 Lithium Battery	3.2V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	6h(AM1.5, 1000W/m², 25°C)	4h(AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, Tempered glass	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	320*260*290mm	640*310*320mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G037



PV-G038



Item No. 型号	PV-G037	PV-G038
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A	5V/5W Mono Solar Panel, Grade A
LED 芯片	3W, SMD 2835	3W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	330lm~360lm	330lm~360lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery	3.2V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	4h(AM1.5, 1000W/m², 25°C)	4h(AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Package Size 包装尺寸	640*310*320mm	640*310*320mm
Number Of Packing 包装数量	1 set/carton	1 set/carton

PV-G039



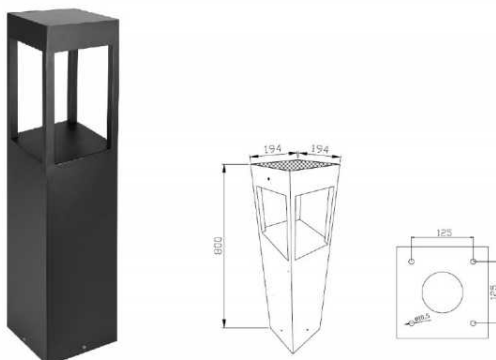
Item No. 型号	PV-G039
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A
LED 芯片	3W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	330lm~360lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C
Package Size 包装尺寸	640*310*320mm
Number Of Packing 包装数量	1 set/carton

PV-G040



Item No. 型号	PV-G040
Solar Panel 太阳能电池板	5V/3.5W Mono Solar Panel, Grade A
LED 芯片	2W, SMD2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	220lm~240lm
Color Temperature 色温	3000K/6000K
Beam Angle 光束角	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C
Package Size 包装尺寸	830*230*230mm
Number Of Packing 包装数量	1 set/carton

PV-G041



Item No. 型号	PV-G041
Solar Panel 太阳能电池板	5V/5W Mono Solar Panel, Grade A
LED 芯片	3W,SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	330lm~360lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°
Battery 电池	3.2V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C
Package Size 包装尺寸	820*210*220mm
Number Of Packing 包装数量	1 set/carton

CUSTOMIZABLE NEW FUNCTION SOLAR LAWN LIGHTS

可定制新功能太阳能草坪灯



Colorful remote control for lawn lights

草坪灯的彩色遥控器

RGBW remote control has great flexibility and convenience in lighting control, bringing users a unique and rich lighting experience.

RGBW遥控器在灯光控制方面具有极大的灵活性和便利性，能为用户带来独特而丰富的照明体验。

- | | |
|--------------------------------|---------------------|
| ■ Multi-color Control (RGBW) | 多色调控 (RGBW红绿蓝白四色混合) |
| ■ Brilliance control | 亮度调节 |
| ■ Colour temperature adjusting | 色温调节 |
| ■ Colors available | 多色可选 / 支持全彩模式 |
| ■ Working hours are adjustable | 工作时长可调 |

Multi-color Control (RGBW)

多色控制

It can accurately control the color channels of RGBW to achieve rich and diverse color combinations and changes to meet the personalized needs of different scenes and users for lighting colors and color temperature.

它可以精确控制RGBW的各个颜色通道，实现丰富多样的色彩组合与变化，以满足不同场景和用户对灯光颜色及色温的个性化需求。



Color temperature adjustable

色温可调

The remote control usually has the function of color temperature change, allowing the user to adjust the color temperature of the light according to different needs and circumstances.

遥控器通常具备色温调节功能，用户可根据不同需求和使用场景调整灯光的色温。

1800-2200K
(Candle)

2700-3000K
(Warm White)

4200-5000K
(Cool White)

6000-6500K
(Daylight White)

3000K 5000K 6500K

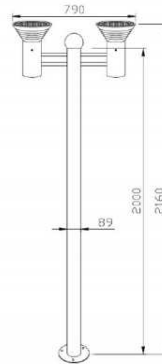


PV-MS001

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	2*5V/6.5W Monocrystalline Solar Panel, Grade A
LED 芯片	2*4.5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	990lm~1080lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

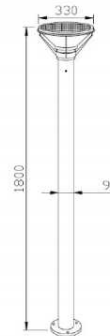
Battery 电池	2*3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS002

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/10.5W Monocrystalline Solar Panel, Grade A
LED 芯片	6W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	660lm~720lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS003

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	2*5V/10.5W Monocrystalline Solar Panel, Grade A
LED 芯片	2*6W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	2*3.2V, 12AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS004

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	2*5V/10.5W Monocrystalline Solar Panel, Grade A
LED 芯片	2*6W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

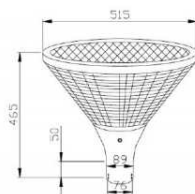
Battery 电池	2*3.2V, 12AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS005

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

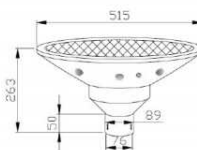
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS006

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

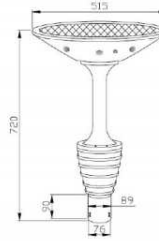
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS007

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

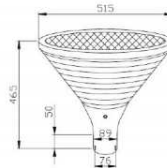
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS008

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

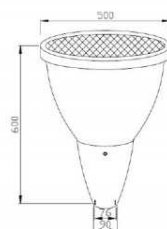
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS009

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

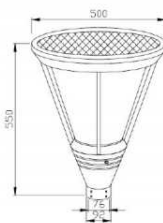
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS010

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

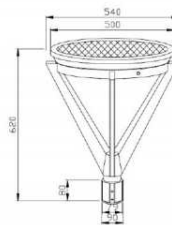
PV-MS011



CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

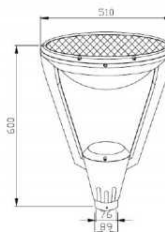
PV-MS012



CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS013

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS014

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS015

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS016

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/30W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS017

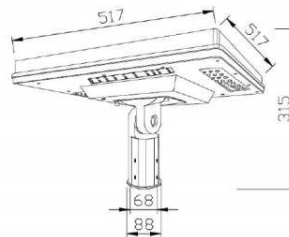
5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳

Full-automatic light & time control
Smart energy saving working mode
MPPT charging mode
Installation free / Maintenance free
全自动光感时控
智能节能工作模式
MPPT充电模式
免安装/免维护



Technical Specification			
Solar Panel 太阳能电池板	18V/55W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 60AH LiFePO4 Lithium Battery
LED 芯片	20W, SMD 3030	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	2200lm~2400lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	65°X130°		

DETAIL DISPLAY



The high-efficiency solar panel adopts a special lamination process to ensure strong adhesion between the EVA, tempered glass, and backsheet. This results in excellent performance, long lifespan, and high power generation efficiency of the solar module.

高效太阳能电池板采用特殊层压工艺，确保EVA胶膜、钢化玻璃与背板之间具有极强的粘合度，从而使光伏组件具备卓越的性能表现、长久的使用寿命以及优异的电效率。



The LiFePO₄ lithium battery has a cycle life of over 2000 charges, with safe usage—no fire or explosion risks. It is heat-resistant, high-capacity, and environmentally friendly—non-toxic and pollution-free.

磷酸铁锂电池循环充电次数超过2000次，使用安全，无起火或爆炸风险。具有耐高温、高容量特性，且环保无毒无污染。



High-efficiency energy-saving LED beads, featuring compact size, long lifespan, low power consumption, high brightness, fast response, eco-friendliness (pollution-free), with support for multiple colors and dimming control.

高效节能LED灯珠，具有体积小、寿命长、功耗低、亮度高、响应速度快、环保无污染等特点，并支持多色显示与调光控制。



The controller features light-control and time-control dimming functions, intelligently sensing light intensity to automatically turn on the lights at dusk. Constructed with a stainless steel switch design, it ensures the battery remains powered off during transportation for safety.

控制器具有光控和时控调光功能，智能感应光线强度，在黄昏时自动开启亮灯。
不锈钢开关设计，确保电池断电，保障运输安全。



The sleeve is easy to install—simply align it with the lamp post and push to secure, requiring no tools. It can be mounted both horizontally and vertically.

套筒安装简便——只需将其与灯杆对齐并推入固定，无需任何工具。支持横向与竖向两种安装方向。

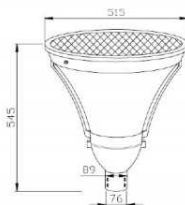


PV-MS018

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS019

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

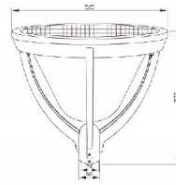
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS020



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

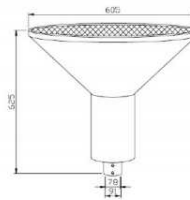
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS021



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	18V/45W Monocrystalline Solar Panel, Grade A
LED 芯片	20W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

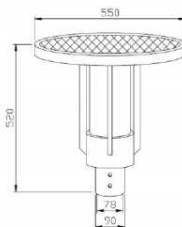
Battery 电池	3.2V, 45AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS022

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

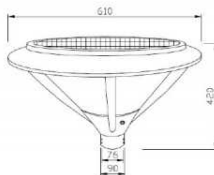
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS023

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/25W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS024



CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳

Technical Specification

Solar Panel 太阳能电池板	2*5V/5W Monocrystalline Solar Panel, Grade A
LED 芯片	2*3.5W, ST64 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	770lm~840lm
Color Temperature 色温	3000K/6000K
Beam Angle 光束角	120°



Battery 电池	2*3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	7h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS025



CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳

Technical Specification

Solar Panel 太阳能电池板	2*5V/6.5W Monocrystalline Solar Panel, Grade A
LED 芯片	2*4.5W, ST64 LED Filament Bulb
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	990lm~1080lm
Color Temperature 色温	3000K/6000K
Beam Angle 光束角	120°



Battery 电池	2*3.2V, 15AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	6h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS026

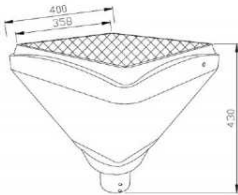
5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳

Full-automatic light & time control
Smart energy saving working mode
Installation free / Maintenance free
全自动光感时控
智能节能工作模式
免安装/免维护



Technical Specification			
Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
LED 芯片	12W, SMD 5054	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1320lm~1440lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	~25°C~55°C
Beam Angle 光束角	120°		

DETAIL DISPLAY



Solar panel 太阳能板



Luminaire cover 灯罩



Controller 控制器



Lithium iron phosphate battery 电池



Aluminum substrate 铝基板

LED chips 芯片



PC cover PC罩



Tailstock sleeve 尾座套筒



— IP65



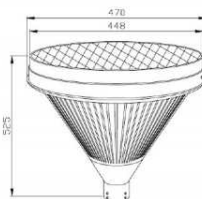
— IK08

PV-MS027

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

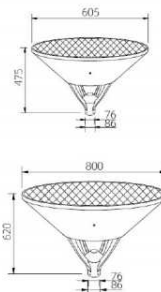
PV-MS028

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	18V/45W 118V/70W monocrystalline solar panel, Grade A
LED 芯片	20W 40W SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	2200lm~2400lm 4400lm~4800lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

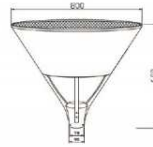
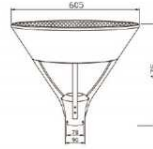
Battery 电池	3.2V, 45Ah 3.2V, 75Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS028B



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	18V/45W, 18V/70W monocrystalline solar panel, Grade A
LED 芯片	20W, 40W SMD 3030/5054
Lifespan of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	2200lm~2400lm, 4400lm~4800lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

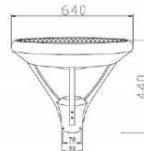
Battery 电池	3.2V, 45Ah / 3.2V, 75Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS028C



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W, 18V/45W monocrystalline solar panel, Grade A
LED 芯片	12W, 20W SMD 3030/5054
Lifespan of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm, 2200lm~2400lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30Ah / 3.2V, 45Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS028D

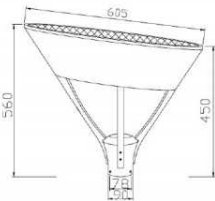
5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



KEY ADVANTAGES / 关键优势

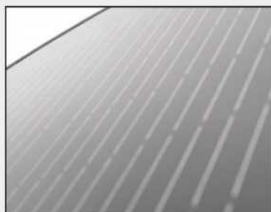
- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳

Full-automatic light & time control
Smart energy saving working mode
MPPT charging mode optional
Installation free / Maintenance free
全自动光感时控
智能节能工作模式
MPPT充电模式 (可选)
免安装/免维护



Technical Specification			
Solar Panel 太阳能电池板	18V/45W monocrystalline solar panel, Grade A	Battery 电池	3.2V, 45Ah LiFePO4 lithium battery
LED 芯片	20W SMD 3030/5054	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h (AM1.5, 1000W/m ² , 25°C)
Luminous Flux 光通量	2200lm~2400lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	90°		

DETAIL DISPLAY



The high-efficiency solar panel adopts a special lamination process to ensure strong adhesion between the EVA, tempered glass, and backsheet. This results in excellent performance, long lifespan, and high power generation efficiency of the solar module.

高效太阳能电池板采用特殊层压工艺，确保EVA胶膜、钢化玻璃与背板之间具有极强的粘合度，从而使光伏组件具备卓越的性能表现、长久的使用寿命以及优异的电效率。



The LiFePO4 lithium battery has a cycle life of over 2000 charges, with safe usage—no fire or explosion risks. It is heat-resistant, high-capacity, and environmentally friendly—non-toxic and pollution-free.

磷酸铁锂电池循环充电次数超过2000次，使用安全，无起火或爆炸风险。具有耐高温、高容量特性，且环保无毒无污染。



High-efficiency energy-saving LED beads, featuring compact size, long lifespan, low power consumption, high brightness, fast response, eco-friendliness (pollution-free), with support for multiple colors and dimming control.

高效节能LED灯珠，具有体积小、寿命长、功耗低、亮度高、响应速度快、环保无污染等特点，并支持多色显示与调光控制。



The controller features light-control and time-control dimming functions, intelligently sensing light intensity to automatically turn on the lights at dusk. Constructed with a stainless steel switch design, it ensures the battery remains powered off during transportation for safety.

控制器具有光控和时控调光功能，智能感应光线强度，在黄昏时自动开启亮灯。
不锈钢开关设计，确保电池断电，保障运输安全。



The sleeve is easy to install—simply align it with the lamp post and push to secure, requiring no tools.

套筒安装简便——只需将其与灯杆对齐并推入固定，无需任何工具。



PV-MS029

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/25W monocrystalline solar panel. Grade A
LED 芯片	12W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	80°x145°

Battery 电池	3.2V, 30Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS030

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	18V/45W monocrystalline solar panel. Grade A
LED 芯片	20W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	2200lm~2400lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 45Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS031

5 YEAR WARRANTY IP65 ISO CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W monocrystalline solar panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	80°x145°

Battery 电池	3.2V, 30Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS032

5 YEAR WARRANTY IP65 ISO CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/25W monocrystalline solar panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

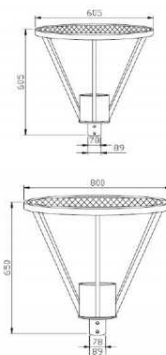
PV-MS033

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	18V/45W 118V/70W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	2200lm~2400lm 4400lm~4800lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

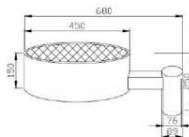
Battery 电池	3.2V, 45AH 3.2V, 75AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS034

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification	
Solar Panel 太阳能电板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

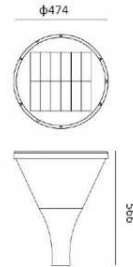
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, tempered glass
Working Temperature 工作温度	-25°C~55°C

PV-MS035

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

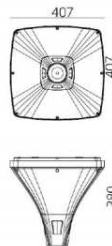
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS036

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

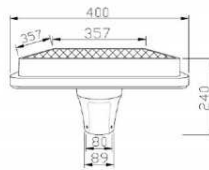


PV-MS037

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
LED 芯片	12W, SMD 5054	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1320lm~1440lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°		



PV-MS038

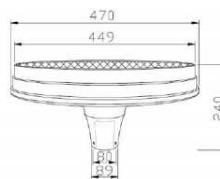


CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
LED 芯片	12W, SMD 5054	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1320lm~1440lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°		

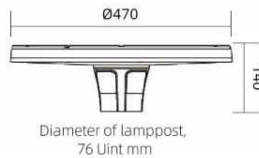


PV-MS039

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
LED 芯片	12W, SMD 5054、2835、3030	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1320lm~1440lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°	Waterproof grade IP等级	IP65



PV-MS040



CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 5054、2835、3030
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C
Waterproof grade IP等级	IP65

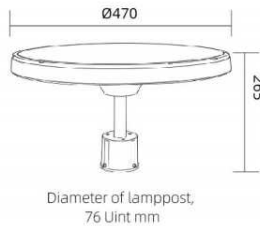


PV-MS041

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
LED 芯片	12W, SMD 5054、2835、3030	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1320lm~1440lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°	Waterproof grade IP等级	IP65



PV-MS042

5 YEAR WARRANTY IP65 ISO CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
LED 芯片	12W, SMD 3030/5054	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1320lm~1440lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°	Waterproof grade IP等级	IP65



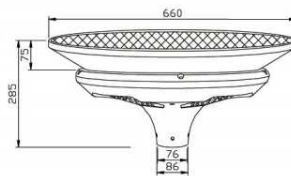
PV-MS043

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	18V/45W Monocrystalline Solar Panel, Grade A
LED 芯片	20W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	2200lm~2400lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	65°X130°

Battery 电池	3.2V/45AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C
Waterproof grade IP等级	IP65

PV-MS044



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C

PV-MS045



- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C
Waterproof grade IP等级	IP65



PV-MS046

5 YEAR WARRANTY IP65 ISO CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing

- A级单晶硅太阳能面板
- 使用寿命超过25年 (太阳能面板)
- 循环寿命超2000次 (电池)
- 使用寿命达50,000小时 (LED灯)
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	5V/23W Monocrystalline Solar Panel, Grade A
LED 芯片	12W, SMD 3030/5054
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1320lm~1440lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C
Waterproof grade IP等级	IP65



PV-MS047



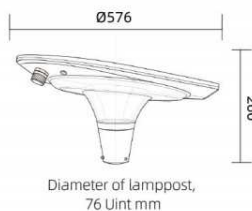
CE RoHS

MPPT

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- 3 CCT Adjustable 3000K(WW)/4000K(NW)/6000K(CW)

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳
- 三档色温开关调节,3000K(WW)-4000K(NW)-6000K(CW)



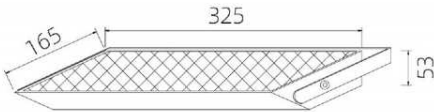
Technical Specification			
Solar Panel 太阳能电池板	18V/45W monocrystalline solar panel. Grade A	Battery 电池	3.2V, 45Ah LiFePO4 lithium battery
LED 芯片	20W , SMD 5054	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Luminous Flux 光通量	2200lm~2400lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°	Waterproof grade IP等级	IP65

SL-1 6W

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	5V/10W monocrystalline solar panel, Grade A	Battery 电池	3.2V, 12Ah LiFePO4 lithium battery
LED 芯片	6W, SMD 2835 45PCS LED chips	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Luminous Flux 光通量	660lm~720lm	Material 材质	6063 Aluminum, PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	60°	Waterproof grade IP等级	IP65

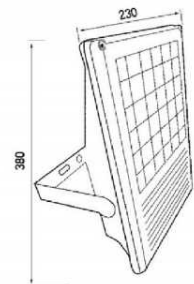
SL-2 5W



CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification

Solar Panel 太阳能电池板	9V/8W Monocrystalline Solar Panel, Grade A
LED 芯片	5W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	550lm~600lm
Color Temperature 色温	3000K~6500K
Beam Angle 光束角	120°

Battery 电池	6.4V, 6AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	5h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, Tempered glass
Working Temperature 工作温度	-25°C~55°C
Working Mode 工作模式	Light & time Control



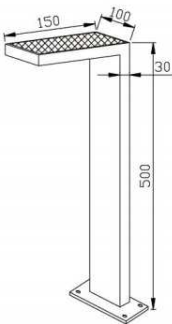
PV-G042

5 YEAR WARRANTY IP65 ISO CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)

- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）



Technical Specification			
Solar Panel 太阳能电池板	5V/2.5W monocrystalline solar panel, Grade A	Battery 电池	3.2V, 3Ah LiFePO4 lithium battery
LED 芯片	1.2W,SMD 3030 10PCS LED chips	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	4h (AM1.5, 1000W/m², 25°C)
Luminous Flux 光通量	132lm~144m	Material 材质	Galvanized Steel,PC
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	60°	Waterproof grade IP等级	IP65



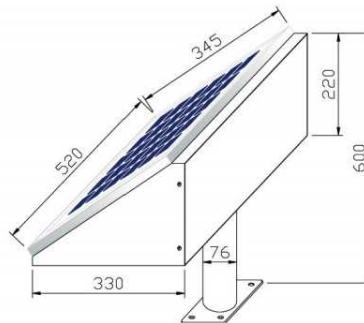
SL-30



CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Stainless Steel
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 不锈钢材质



Technical Specification

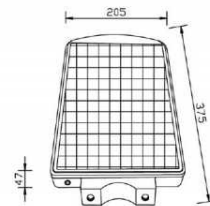
Solar Panel 太阳能电池板	5V/30W Monocrystalline Solar Panel, Grade A	Battery 电池	3.2V 45AH LiFePO4 Lithium Battery
LED 芯片	15W,SMD 3030	Discharging Time 放电时间	2~3 days
Lifespan Of LED LED寿命	More Than 50,000 Hours	Charging Time 充电时间	5h(AM1.5,1000W/m²,25°C)
Luminous Flux 光通量	1650lm~1800lm	Material 材质	6063 Aluminum, Tempered glass,Stainless Steel
Color Temperature 色温	3000K~6500K	Working Temperature 工作温度	-25°C~55°C
Beam Angle 光束角	120°	Working Mode 工作模式	Light & time Control

SL-8 3W

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

KEY ADVANTAGES / 关键优势

- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	9V/6W Monocrystalline Solar Panel, Grade A	Charging Time 充电时间	4h(AM1.5,1000W/m ² ,25°C)
LED 芯片	3W, SMD 2835	Material 材质	6063 Aluminum, PC
Lifespan Of LED LED寿命	More Than 50,000 Hours	Working Temperature 工作温度	-25°C~55°C
Luminous Flux 光通量	330lm~360lm	Diameter of pole 灯杆直径	60mm
Color Temperature 色温	3000K~6500K	Mounting Height 安装高度	2~3m
Beam Angle 光束角	120°	Mounting Space 安装空间	8~12m
Battery 电池	6.4V, 3AH LiFePO4 Lithium Battery	Working Mode 工作模式	PIR and Light Control
Discharging Time 放电时间	3~4 days		

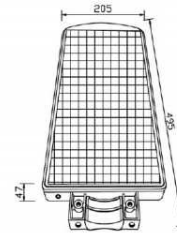
SL-12 5W



CE RoHS

KEY ADVANTAGES / 关键优势

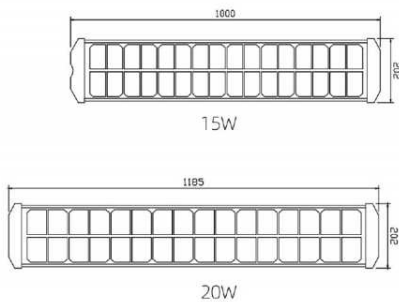
- A grade monocrystalline solar panel
- Lifespan reaches more than 25 years (Solar Panel)
- Lifespan reaches more than 2,000 cycles (Battery)
- Lifetime up to 50,000 hours (LED)
- Die casting aluminum housing
- A级单晶硅太阳能面板
- 使用寿命超过25年（太阳能面板）
- 循环寿命超2000次（电池）
- 使用寿命达50,000小时（LED灯）
- 压铸铝外壳



Technical Specification			
Solar Panel 太阳能电池板	9V/12W Monocrystalline Solar Panel, Grade A	Charging Time 充电时间	3h(AM1.5,1000W/m ² ,25°C)
LED 芯片	5W, SMD 2835	Material 材质	6063 Aluminum, PC
Lifespan Of LED LED寿命	More Than 50,000 Hours	Working Temperature 工作温度	-25°C~55°C
Luminous Flux 光通量	550lm~600lm	Diameter of pole 灯杆直径	60mm
Color Temperature 色温	3000K~6500K	Mounting Height 安装高度	3~4m
Beam Angle 光束角	120°	Mounting Space 安装空间	10~15m
Battery 电池	6.4V, 6AH LiFePO4 Lithium Battery	Working Mode 工作模式	PIR and Light Control
Discharging Time 放电时间	3~4 days		

15W/20W

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

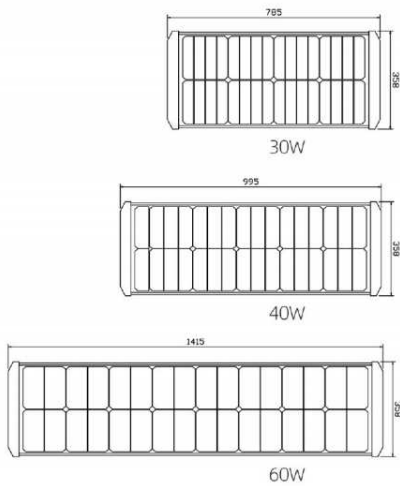


Technical Specification	SSL-A01 15W	SSL-A02 20W
Item No. 型号	15W	20W
Solar Panel 太阳能电池板	5V/30W Monocrystalline Solar Panel, Grade A	5V/45W Monocrystalline Solar Panel, Grade A
LED 芯片	15W, SMD 3030	20W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	1650lm~1800lm	2200lm~2400lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	80°X145°	80°X145°
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery	3.2V, 45AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	5h(AM1.5,1000W/m ² ,25°C)	4h(AM1.5,1000W/m ² ,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	60mm	60mm
Mounting Height 安装高度	4~5m	4~6m
Mounting Space 安装空间	10~15m	15~20m

30W/40W/60W



CE RoHS

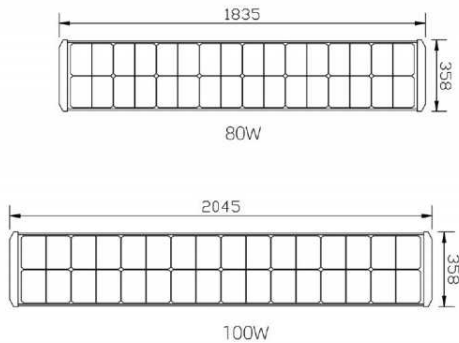


Technical Specification	SSL-A03 30W	SSL-A04 40W	SSL-A05 60W
Item No. 型号	30W	40W	60W
Solar Panel 太阳能电池板	18V/60W Monocrystalline Solar Panel, Grade A	18V/70W Monocrystalline Solar Panel, Grade A	18V/90W Monocrystalline Solar Panel, Grade A
LED 芯片	30W, SMD 3030	40W, SMD 3030	60W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	3300lm~3600lm	4400lm~4800lm	6600lm~7200lm
Color Temperature 色温	3000K~6500K	3000K~6500K	3000K~6500K
Beam Angle 光束角	70°X140°	70°X140°	70°X140°
Battery 电池	3.2V, 75AH LiFePO4 Lithium Battery	3.2V, 90AH LiFePO4 Lithium Battery	3.2V, 120AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days	2~3 days
Charging Time 充电时间	5h(AM1.5,1000W/m²,25°C)	5h(AM1.5,1000W/m²,25°C)	5h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	60mm	60mm	60mm
Mounting Height 安装高度	5~7m	5~7m	5~7m
Mounting Space 安装空间	15~25m	15~25m	20~30m

80W/100W



CE RoHS



Technical Specification	SSL-A06 80W	SSL-A07 100W
Item No. 型号	80W	100W
Solar Panel 太阳能电池板	18V/130W Monocrystalline Solar Panel, Grade A	18V/160W Monocrystalline Solar Panel, Grade A
LED 芯片	80W, SMD 3030	100W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	8800lm~9600lm	11000lm~12000lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	70°X140°	70°X140°
Battery 电池	3.2V, 150AH LiFePO4 Lithium Battery	3.2V, 210AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m ² ,25°C)	5h(AM1.5,1000W/m ² ,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	76mm	76mm
Mounting Height 安装高度	6~9m	6~9m
Mounting Space 安装空间	20~30m	20~30m

DETAIL DISPLAY

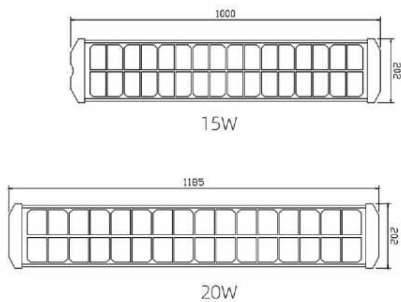


WAY TO INSTALL



15W/20W

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS

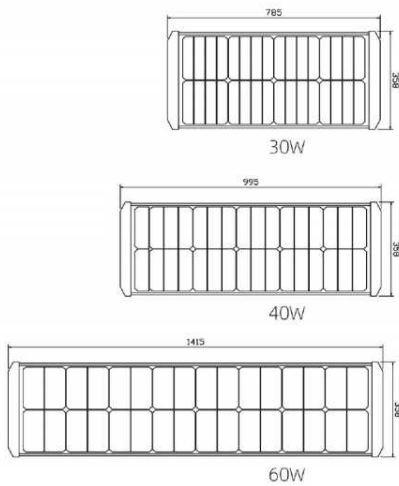


Technical Specification	PV-AIO 010 15W	PV-AIO 011 20W
Item No. 型号	15W	20W
Solar Panel 太阳能电池板	5V/30W Monocrystalline Solar Panel, Grade A	5V/45W Monocrystalline Solar Panel, Grade A
LED 芯片	15W, SMD 3030	20W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	1650lm~1800lm	2200lm~2400lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	80°X145°	80°X145°
Battery 电池	3.2V, 30AH LiFePO4 Lithium Battery	3.2V, 45AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	5h(AM1.5,1000W/m²,25°C)	4h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	60mm	60mm
Mounting Height 安装高度	4~5m	4~6m
Mounting Space 安装空间	10~15m	15~20m

30W/40W/60W



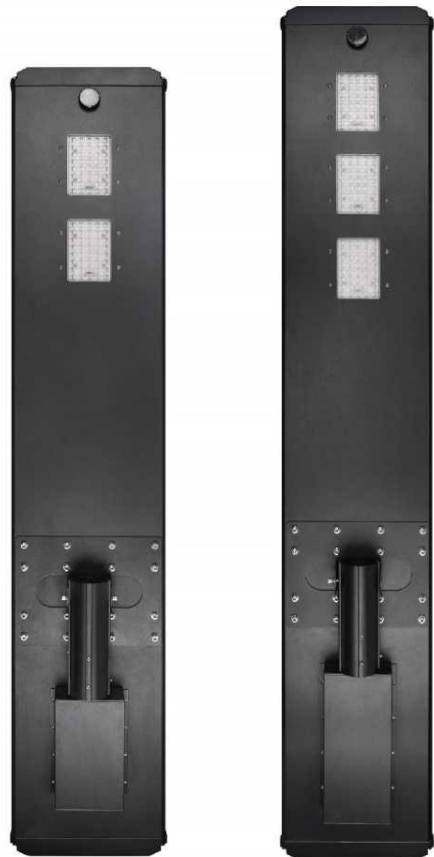
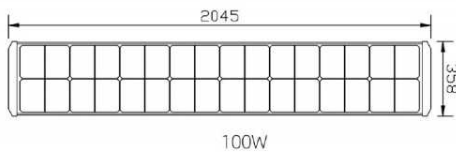
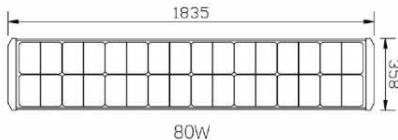
CE RoHS



Technical Specification	PV-AIO 012 30W	PV-AIO 013 40W	PV-AIO 014 60W
Item No. 型号	30W	40W	60W
Solar Panel 太阳能电池板	18V/60W Monocrystalline Solar Panel, Grade A	18V/70W Monocrystalline Solar Panel, Grade A	18V/90W Monocrystalline Solar Panel, Grade A
LED 芯片	30W, SMD 3030	40W, SMD 3030	60W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	3300lm~3600lm	4400lm~4800lm	6600lm~7200lm
Color Temperature 色温	3000K~6500K	3000K~6500K	3000K~6500K
Beam Angle 光束角	80°X145°	80°X145°	80°X145°
Battery 电池	3.2V, 75AH LiFePO4 Lithium Battery	3.2V, 90AH LiFePO4 Lithium Battery	3.2V, 120AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days	2~3 days
Charging Time 充电时间	5h(AM1.5,1000W/m²,25°C)	5h(AM1.5,1000W/m²,25°C)	5h(AM1.5,1000W/m²,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	60mm	60mm	60mm
Mounting Height 安装高度	5~7m	5~7m	5~7m
Mounting Space 安装空间	15~25m	15~25m	20~30m

80W/100W

5 YEAR WARRANTY IP65 ISO 9001 CE RoHS



Technical Specification	PV-AIO 015 80W	PV-AIO 016 100W
Item No. 型号	80W	100W
Solar Panel 太阳能电池板	18V/130W Monocrystalline Solar Panel, Grade A.	18V/160W Monocrystalline Solar Panel, Grade A
LED 芯片	80W, SMD 3030	100W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	8800lm~9600lm	11000lm~12000lm
Color Temperature 色温	3000K~6500K	3000K~6500K
Beam Angle 光束角	80°X145°	70°X140°
Battery 电池	3.2V, 150AH LiFePO4 Lithium Battery	3.2V, 210AH LiFePO4 Lithium Battery
Discharging Time 放电时间	2~3 days	2~3 days
Charging Time 充电时间	4h(AM1.5,1000W/m ² ,25°C)	5h(AM1.5,1000W/m ² ,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	76mm	76mm
Mounting Height 安装高度	6~9m	6~9m
Mounting Space 安装空间	20~30m	20~30m

DETAIL DISPLAY



Control the switch and brightness of the street lamp to meet the needs of light in different time periods

根据不同时段的光照需求控制路灯的开关及亮度调节



Adopting high brightness LED chips, the light output, luminous efficiency

采用高亮度LED芯片，光输出量、发光效率



Strong tail seat for increased load carrying capacity

增强型尾部设计，提升载重能力



MPPT controller

MPPT控制器

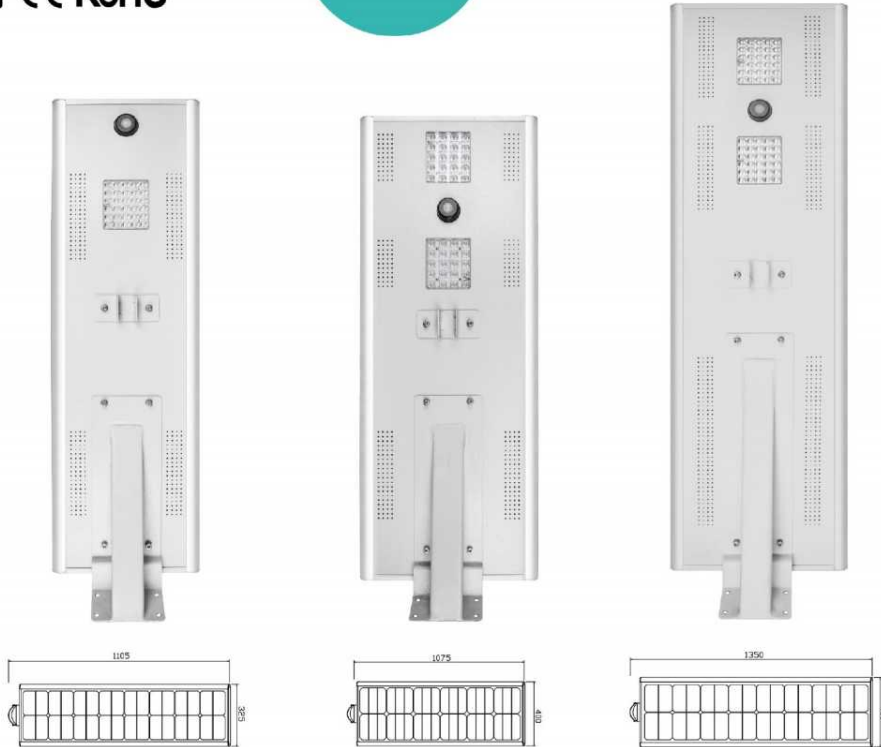


8W/15W/20W

5 YEAR WARRANTY IP65 ISO CE RoHS

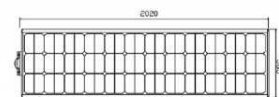
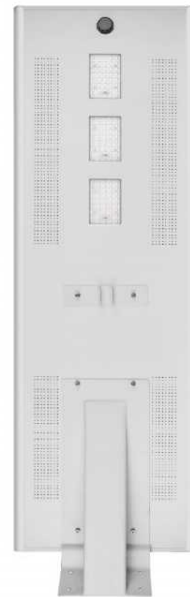
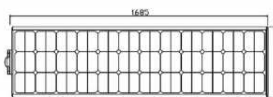
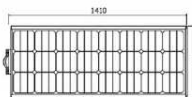


Technical Specification	PV-AIO 001 8W	PV-AIO 002 15W	PV-AIO 003 20W
Item No. 型号	8W	15W	20W
Solar Panel 太阳能电池板	9V/18W Monocrystalline Solar Panel, Grade A	5V/30W Monocrystalline Solar Panel, Grade A	5V/45W Monocrystalline Solar Panel, Grade A
LED 芯片	8W, SMD 2835	15W, SMD 2835	20W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	880lm~960lm	1650lm~1800lm	2200lm~2400lm
Color Temperature 色温	3000K~6500K	3000K~6500K	3000K~6500K
Beam Angle 光束角	120°	120°	80°x145°
Battery 电池	6.4V, 15AH LiFePO4 Lithium Battery	3.2V, 30AH LiFePO4 Lithium Battery	3.2V, 45AH LiFePO4 Lithium Battery
Discharging Time 放电时间	3~4 days	3~4 days	3~4 days
Charging Time 充电时间	6h(AM1.5,1000W/m ² ,25°C)	6h(AM1.5,1000W/m ² ,25°C)	6h(AM1.5,1000W/m ² ,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	60~89mm	60~89mm	76~89mm
Mounting Height 安装高度	3~4m	4~5m	4~6m
Mounting Space 安装空间	10~15m	10~15m	15~20m

30W/40W/60W**CE RoHS**

Technical Specification	PV-AIO 004 30W	PV-AIO 005 40W	PV-AIO 006 60W
Item No. 型号	30W	40W	60W
Solar Panel 太阳能电池板	18V/60W Monocrystalline Solar Panel, Grade A	18V/70W Monocrystalline Solar Panel, Grade A	18V/90W Monocrystalline Solar Panel, Grade A
LED 芯片	30W, SMD 3030	40W, SMD 3030	60W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	3300lm~3600lm	4400lm~4800lm	6600lm~7200lm
Color Temperature 色温	3000K~6500K	3000K~6500K	3000K~6500K
Beam Angle 光束角	80°x145°	80°x145°	80°x145°
Battery 电池	3.2V, 75AH LiFePO4 Lithium Battery	3.2V, 90AH LiFePO4 Lithium Battery	3.2V, 120AH LiFePO4 Lithium Battery
Discharging Time 放电时间	3~4 days	3~4 days	3~4 days
Charging Time 充电时间	6h(AM1.5,1000W/m ² ,25°C)	6h(AM1.5,1000W/m ² ,25°C)	6h(AM1.5,1000W/m ² ,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	76~89mm	76~89mm	76~89mm
Mounting Height 安装高度	5~7m	5~7m	5~7m
Mounting Space 安装空间	15~25m	15~25m	20~30m

80W/100W/120W



Technical Specification	PV-AIO 007 80W	PV-AIO 008 100W	PV-AIO 009 120W
Item No. 型号	80W	100W	120W
Solar Panel 太阳能电池板	18V/130W Monocrystalline Solar Panel, Grade A	18V/160W Monocrystalline Solar Panel, Grade A	18V/180W Monocrystalline Solar Panel, Grade A
LED 芯片	80W, SMD 3030	100W, SMD 3030	120W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours	More Than 50,000 Hours	More Than 50,000 Hours
Luminous Flux 光通量	8800lm~9600lm	11000lm~12000lm	13200lm~14400lm
Color Temperature 色温	3000K~6500K	3000K~6500K	3000K~6500K
Beam Angle 光束角	80°x145°	80°x145°	80°x145°
Battery 电池	3.2V, 150AH LiFePO4 Lithium Battery	3.2V, 210AH LiFePO4 Lithium Battery	3.2V, 240AH LiFePO4 Lithium Battery
Discharging Time 放电时间	3~4 days	3~4 days	3~4 days
Charging Time 充电时间	6h(AM1.5,1000W/m ² ,25°C)	6h(AM1.5,1000W/m ² ,25°C)	6h(AM1.5,1000W/m ² ,25°C)
Material 材质	6063 Aluminum, PC	6063 Aluminum, PC	6063 Aluminum, PC
Working Temperature 工作温度	-25°C~55°C	-25°C~55°C	-25°C~55°C
Diameter of pole 灯杆直径	76~89mm	76~89mm	89~114mm
Mounting Height 安装高度	6~9m	6~9m	8~10m
Mounting Space 安装空间	20~30m	20~30m	20~30m

DETAIL DISPLAY



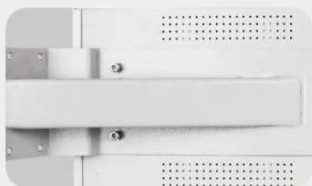
Adopting high brightness LED chips, the light output, luminous efficiency

采用高亮度LED芯片，可提升光输出量及发光效率



Control the switch and brightness of the street lamp to meet the needs of light in different time periods

根据不同时段的光照需求控制路灯的开关及亮度



Strong tail seat for increased load carrying capacity

增强型尾部设计以提升载重能力

WAY TO INSTALL



Bent rod installation
弯杆安装



Straight rod mounting
直杆安装



PV-SL001



Technical Specification	
Solar Panel 太阳能电池板	18V/50W monocrystalline solar panel, Grade A
LED 芯片	15W, SMD 2835
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	1650lm~1800lm
Color Temperature 色温	3000K~6500K
Battery 电池	3.2V, 75Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	6h (AM1.5, 1000W/m ² , 25°C)
Working Temperature 工作温度	-25°C~55°C
Working Mode 工作模式	Light & Time Control
Waterproof grade IP等级	IP65



PV-SL002



Technical Specification	
Solar Panel 太阳能电池板	18V/120W monocrystalline solar panel, Grade A
LED 芯片	45W, SMD 3030
Lifespan Of LED LED寿命	More Than 50,000 Hours
Luminous Flux 光通量	4500lm~4950lm
Color Temperature 色温	3000K~6500K
Battery 电池	3.2V, 150Ah LiFePO4 lithium battery
Discharging Time 放电时间	2~3 days
Charging Time 充电时间	5h (AM1.5, 1000W/m ² , 25°C)
Working Temperature 工作温度	-25°C~55°C
Working Mode 工作模式	Light & Time Control
Waterproof grade IP等级	IP65





Technical Specification

Item No. 型号	5W
Solar Panel 太阳能板	6V/5W
LED 芯片	40pcs SMD 2835
Battery 电池	3.7V 4AH



Technical Specification

Item No. 型号	10W
Solar Panel 太阳能板	6V/6W
LED 芯片	64pcs SMD 2835
Battery 电池	3.7V 8AH



Technical Specification

Item No. 型号	15W
Solar Panel 太阳能板	6V/10W
LED 芯片	80pcs SMD 2835
Battery 电池	3.7V 10AH



Technical Specification

Item No. 型号	20W
Solar Panel 太阳能板	10V/15W
LED 芯片	60pcs SMD 2835
Battery 电池	6.4V 10AH



Technical Specification

Item No. 型号	30W
Solar Panel 太阳能板	18V/25W
LED 芯片	72pcs SMD 2835
Battery 电池	12.8V 6AH



Technical Specification

Item No. 型号	50W
Solar Panel 太阳能板	18V/40W
LED 芯片	72pcs SMD 2835
Battery 电池	11.1V 13AH



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