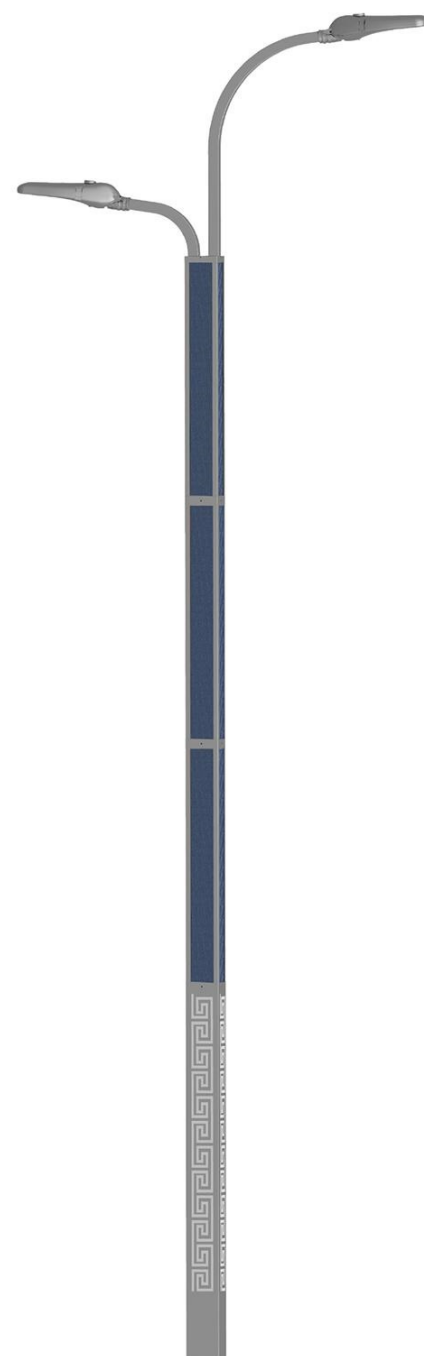
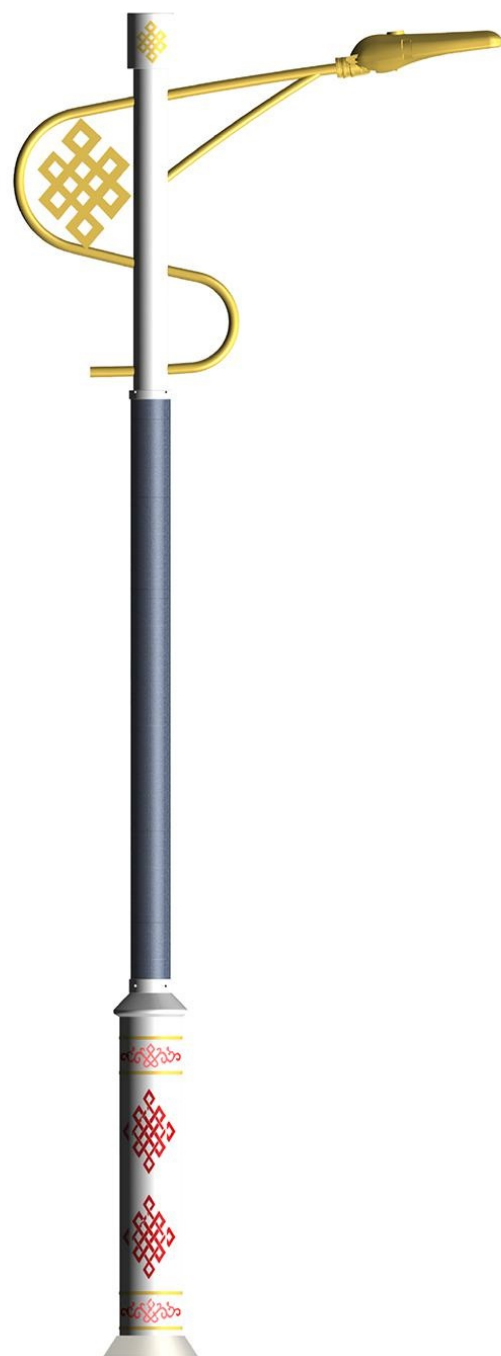




PV-LED Light

NEWLIGHT ENERGY, SEE THE DIFFERENT SOLAR LIGHT !

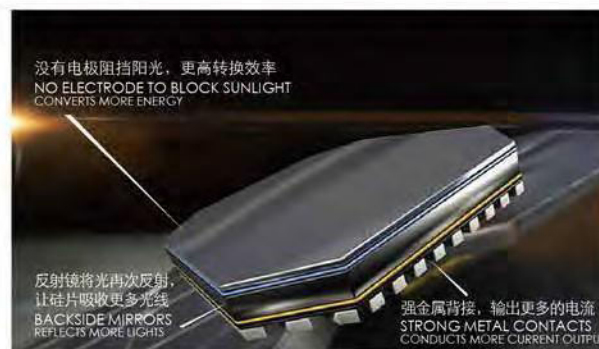




FLEXIBLE MONOCRYSTALLINE

Silicon Solar Panel

HIGH CONVERSION EFFICIENCY



Adopt unique back contact technology and remove electrodes on the solar cell surface that block the sunshine to increase the solar panel conversion efficiency gratefully.



Advantages



Flexible



Lightweight



Thin Thickness



Without Glass

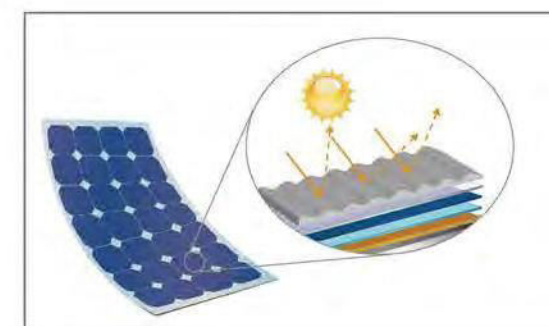


High Efficiency



High Waterproof Grade

Encapsulation Technology

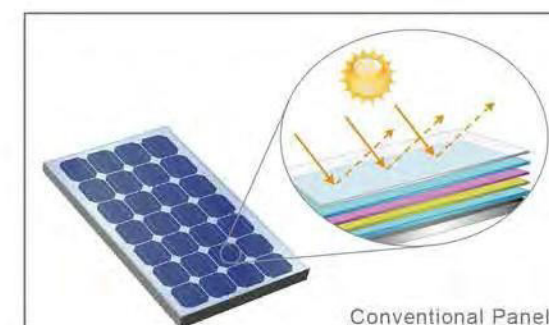


OWN PATENT SOLAR CELL ENCAPSULATION TECHNOLOGY

Solve the problem such as monocrystalline silicon organic encapsulation technology and bonding strength, to make the product service life for up to 15 ~ 20 years.

Pressed by concave and convex structure, to avoid the problem of surface mirror, can more fully absorb sunlight, improve the capacity.enhanced the surface in the process of laminating adhesive strength, avoid bubbles, between EVA and avoid fold, suppression of concave and convex point after the angle of the solar panels can be wider scope for installation, avoid the error caused by the installation angle reflection loss;

Solving the combination problem of solar cells and fabric. The weight of our solar panel is only one fifth compared with the same watt glass encapsulated one.





SOLAR LED LIGHTS

With Flexible Monocrystalline Silicon Solar Panel

International Brand LED Light Source

Light Source Module

Intergrated Drive Controller

Optically Controlled Automatically

Smart Handheld Remote Controller

Remote Intelligent Control System(Optional)

Humanized Installation And Maintenance

FLEXIBLE SOLAR

Panel Lights



ADVANTAGES OF

Our Flexible Solar Panel Lights

No glass encapsulation and super light ultrathin model of flexible monocrystalline silicon solar panels, realize the integration design of lamps ,ensure that the aesthetic effect of lamps and lanterns.

High-efficiency solar panels in combination with the all-round angle design of the light,ensure the light's power generation efficiency in different sections and locations.

No glass encapsulation makes the solar panels tougher, more durable and with longer lifespan.

Intelligent advantage

Advanced intelligent lighting control chip, auto lights, dark dawn automatically turn off, late-night can be automatically converted into half power work, not only to save electricity, but also to reduce light pollution, and thus more humanized.



2FSG154A (Use Li-ion battery)

LED Solar Garden Light With Semi-flexible Monocrystalline Silicon Solar Panel

Application

It has been widely used in gardens, squares, residential areas and urban & rural roads, etc.



Advantages

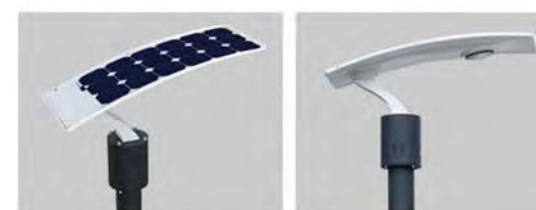
- **Flexible Monocrystalline Silicon Solar Panel** : The life-span is longer than 15 years.
- **Light Source**: LED is characterized by high luminous efficacy, high brightness, low depreciation, long life, etc. direct lighting type.
- **Controller**: Dedicated controller, optically control, time control, anti-overdischarge and short-circuit resistance.
- **Materials**: Aluminum alloy with LED decorating lights powder-coated with electrostatic spray for anti-salted, anti-acid, weather and rust resistant. Solar panel mounting rack made by high rigidity polymer materials.
- **Intelligent Controller**: Remote Centralized Control Monitoring (Option) and Smart Handheld Remote Controller that reads and sets up the work time, work style, brightness of main&decorating light to control the run of light on the spot. Moreover, it shows the voltage and current of solar panel and battery.
- **Work time**: Optically controlled automatically turn on & off the lights. Maximum brightness work for 4 hours, and then turns to half of the brightness until dawn.

2FSG154A



Specifications

| | |
|----------------------------|----------------|
| Power of the Solar | 65W \pm 15% |
| Battery Capability | 14.8V/26Ah |
| Battery Type | Li-ion Battery |
| Power of the Light | 15W |
| Color Temperature | 4000K~5000K |
| Total Height | 3.9m |
| Wind Resistance | 27m/s |
| Protection Degree | IP65 |
| Last for Rainy/Cloudy Days | 2~3 Days |



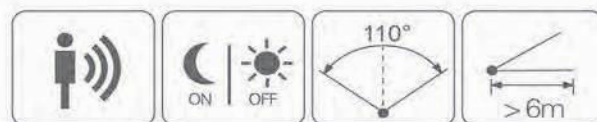


2FSG164

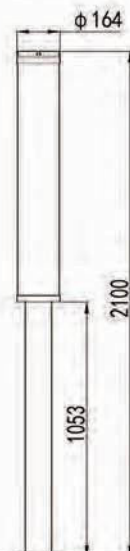
Solar LED Sensor Garden Light

Application

Widely installed in gardens, squares, residential communities, urban & rural roads and etc.



Patent: N0005323581-001



Advantages

- Solar panel: Monocrystalline Silicon, lifetime over 15 years.
- Light Source: LED (Pure color and warm color for option)
- Controller: Intelligent controller. According to the light condition, adjust the LED brightness automatically and extend the battery life.
- Materials: Aluminum body with electrostatic spraying.
- Working Mode: 3 working mode by physical button.
 - ① **Sensor Mode:** 0.2W slight light at ordinary time, when sensor activation full light 10 seconds.
 - ② **Saving Mode:** light off at ordinary time, when sensor activation full light 10 seconds.
 - ③ **Full Light Mode:** 0.2W slight light at ordinary time, sensor function close.

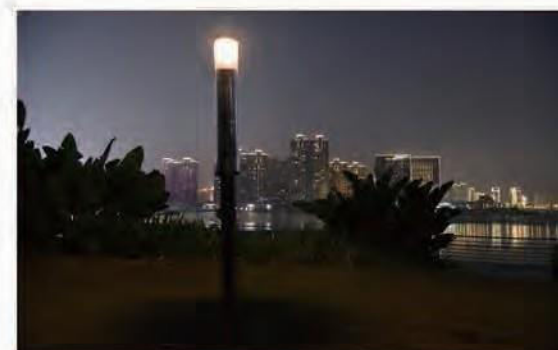
2FSG164



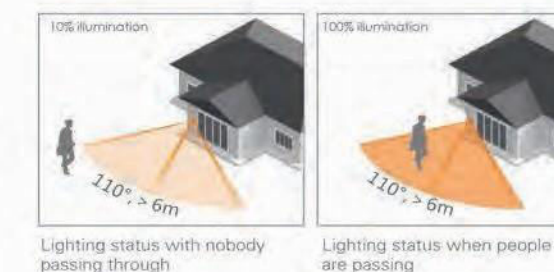
Specifications

| | |
|---------------------|-------------------|
| Solar Panel Power | 5W |
| Battery Capability | 1.6Wh |
| Battery Type | Li-ion Battery |
| Normal LED Power | 0.2W |
| Maximum LED Power | 3W |
| Color Temperature | 3000K/5000K |
| Working Temperature | -20℃~55℃ |
| Sensing times | >1700(Full power) |
| IP Class | IP65 |

Remarks: Solar panel power, LED power, color temperature, Lamp size and battery capacity can be adjusted according to the clients' requirements.



Infrared Sensor

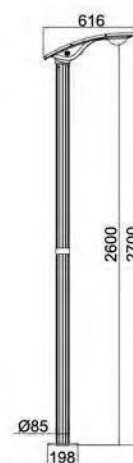




Solar All in one light with motion sensor (Lithium Battery)

Model: 2FSG143

Infrared Sensor
Aluminum Alloy Pole
PMMA Lampshade
High Rigidity Polymer Materials
Light Source Module
Intergrated Drive Controller

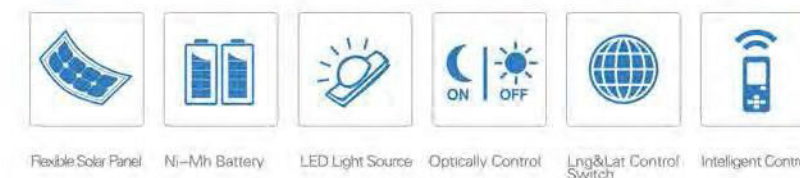


Advantages

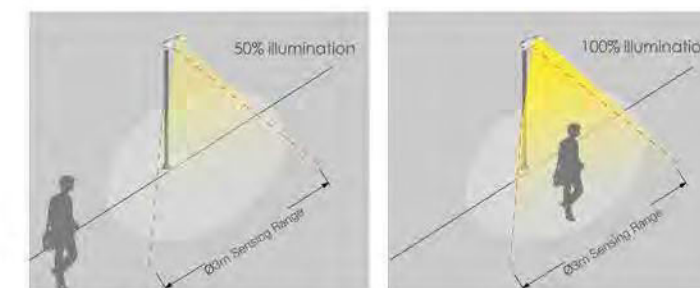
Controller: Dedicated controller, remote control, optically control, time control, anti-overdischarge and short-circuit resistance.

Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PMMA lampshade material, nanometer anti-glare process. Solar panel mounting rack made by high rigidity polymer materials.

Work Time: Light control automatically. Main LED light turns on with half brightness when dark at first 4 hours, and then turns to 1/4 brightness until dawn automatically. The light will turn and keep full brightness for 1 minute when people pass by use of infrared sensor.



Infrared Sensor



Lighting status with nobody passing through

Lighting status when people are passing

| Item No. | 2FSG143 |
|----------------------|-----------------|
| Solar Power | 18W ± 15% |
| Battery Capacity | 7.4/18.2AH |
| Battery Type | Lithium Battery |
| Total Power of Light | 5W |
| Color Temperature | 5000K |
| Working Temperature | -20℃~55℃ |
| Height | 2.7m |
| Wind Resistance | 27m/s |
| Rainy / Cloudy Days | 2~3 Days |

The Application





2FSG005(Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

1320-1440lm luminous flux

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

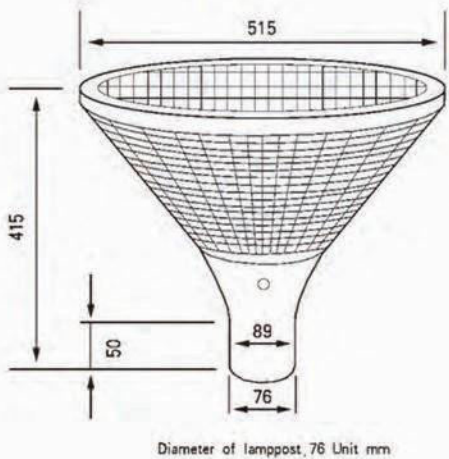
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 18V/25W |
| Battery Capability | 12.8V/10Ah |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 12W |
| Total Height | 415mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 18 hours |





2FSG006(Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

1320-1440lm luminous flux

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

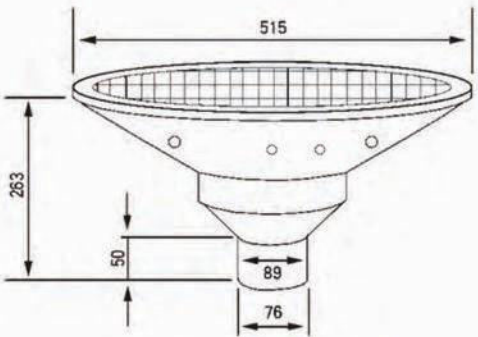
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 18V/25W |
| Battery Capability | 12.8V/12Ah |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 12W |
| Total Height | 263mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 9 hours |
| Discharging time | 18 hours |



Diameter of lamppost, 76 Unit mm



2FSG007(Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



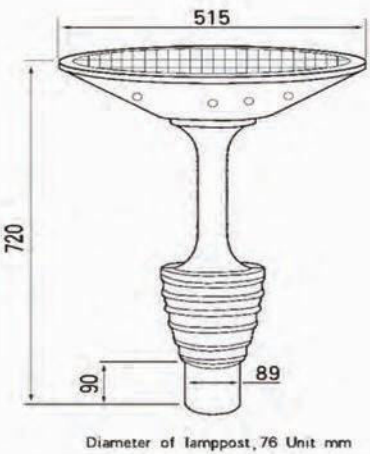
Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
 - 1320-1440lm luminous flux
 - Lifetime more than 50,000Hours
- Controller:** Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically power on at day off in night.



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 18V/25W |
| Battery Capability | 12.8V/12Ah |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 12W |
| Total Height | 263mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 9 hours |
| Discharging time | 18 hours |





2FSG010(Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

1320-1440lm luminous flux

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

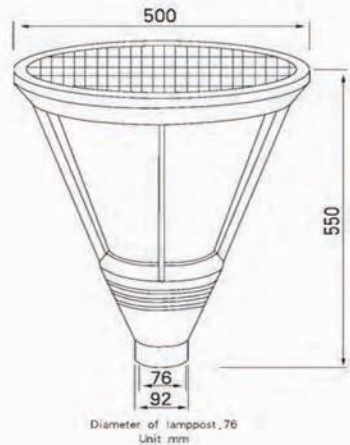
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 18V/25W |
| Battery Capability | 12.8V/10Ah |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 12W |
| Total Height | 550mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8hours |
| Discharging time | 18 hours |





2FSG011(Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



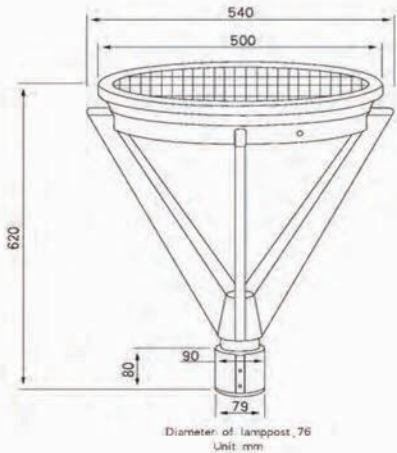
Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
 - 1320-1440lm luminous flux
 - Lifetime more than 50,000Hours
- Controller:** Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically power on at day off in night.



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 18V/25W |
| Battery Capability | 12.8V/12Ah |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 12W |
| Total Height | 620mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 9hours |
| Discharging time | 18 hours |





2FSG014A/B(Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



2FSG014A



2FSG014B

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

1320-1440lm luminous flux

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

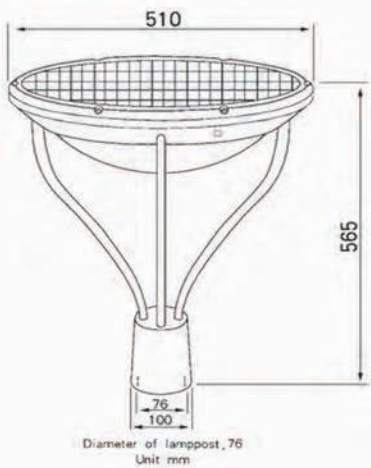
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.

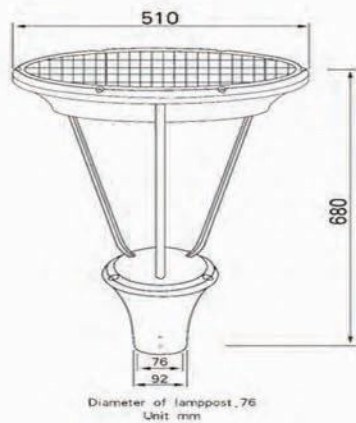


Specifications

| | |
|---------------------|---|
| Power of the Solar | 18V/25W |
| Battery Capability | 12.8V/12Ah |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 12W |
| Total Height | 620mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 9hours |
| Discharging time | 18 hours(full power). 42hours(energy -saving mode) |



2FSG014A



2FSG014B



2FSG015A(Solar LOTUS Light for garden)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

2250-2500lm luminous flux

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

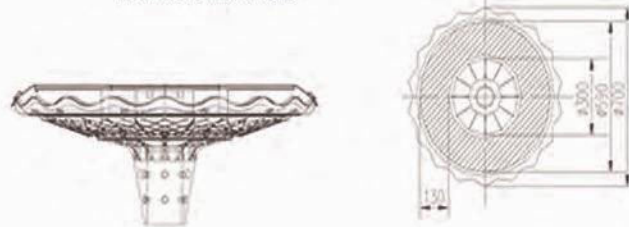
Working Modes: Automatically power on at day off in night.



Specifications

| | |
|------------------------|-------------------------------|
| Power of the Solar | 45W |
| Battery Capability | 12.8V/40AH |
| Battery Type | LifePO4 Battery |
| Light effect | 130-150lm/W |
| Power of the Light | 15-25W |
| Total Height | 4000mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| Installation tube size | 76mm |
| Materials | Die-casting and PMMA diffuser |

Outline Dimensions





2FSG015B(Solar LOTUS Light for garden)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours

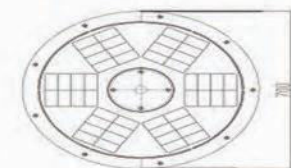
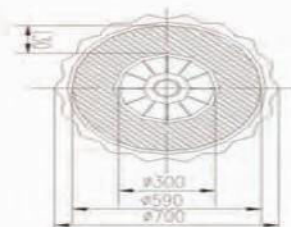
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.
with timer control or sensor control.

Specifications

| | |
|------------------------|--|
| Power of the Solar | 25W |
| Battery Capability | 12.8V/20AH |
| Battery Type | LifePO4 Battery |
| Power of the Light | 15w white main color and 2W colorful decorative light |
| Light effect | 130-150lm/W |
| Total Height | 3000mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| Installation tube size | 40mm |
| Materials | Die-casting and PMMA diffuser |





2FSG016A (Solar Garden LOTUS Light with Flexible solar panel on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 20-40W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 4-6m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| system voltage | 12V/24V |
| IP Rating | IP 65 |
| Dimension | diameter 152mm* Height 4500mm |

Descriptions & Advantages

Monocrystalline Silicon Solar Panel :

Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;

Light Source: LED (Pure colar and Warn color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.

Working Modes: Automatically power on at day off in night. adjustable power is availabe.





2FSG016B (Solar Garden LOTUS Light with Flexible solar panel on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 20-40W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 4-6m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| system voltage | 12V/24V |
| IP Rating | IP 65 |
| Dimension | 150mm*150mm*4000mm |

Descriptions & Advantages

Monocrystalline Silicon Solar Panel :

Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;

Light Source: LED (Pure color and Warm color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.

Working Modes: Automatically power on at day off in night. adjustable power is availabe.





2FSG017(All integrated solar garden light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



All Integrated Solar *Garden* Light

Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source**: LED (Pure color and Warm color for option)
- Controller**: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials**: Die-casting aluminum light shell. anti-corrosion, anti-oxidation, high impact PC cover.
- Working Modes**: 18H(100% power); 42H(energy-saving power);



Specifications

| | |
|--------------------------|----------------------------------|
| Power of the Solar | 18V/45W |
| Battery Capability | 12.8V/1800mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 2pcs*12W |
| Total Height | 350mm(lamp height excluded pole) |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Diameter of mounted pole | 76mm |





2FSG021A(Solar FAN Light for garden)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

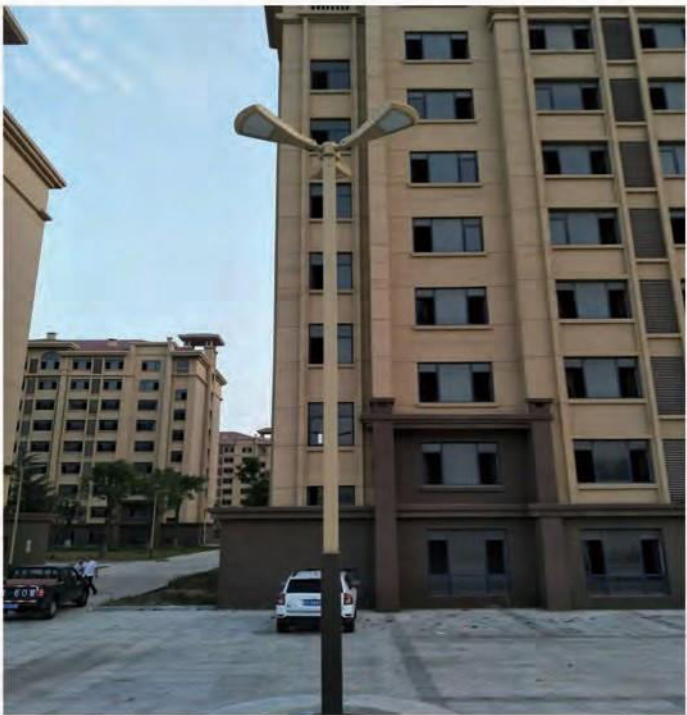
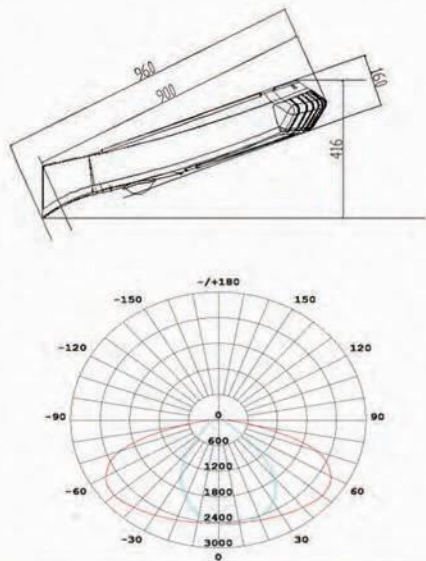
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.
with timer control or sensor control.



Specifications

| | |
|------------------------|-------------------------------|
| Power of the Solar | 30W |
| Battery Capability | 12V/20AH |
| Battery Type | LifePO4 Battery |
| Power of the Light | 15-20W |
| Light effect | 130-150lm/W |
| Total Height | 4000mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| Installation tube size | 60mm |
| Materials | Die-casting and PMMA diffuser |





2FSG022A(Solar Swan Light for garden)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

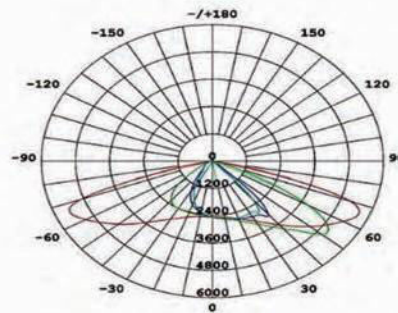
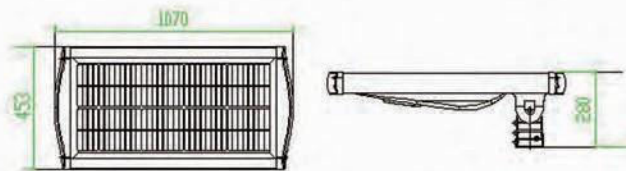
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.
with timer control or sensor control.



Specifications

| | |
|------------------------|-------------------------------|
| Power of the Solar | 60W |
| Battery Capability | 12.8V/40AH |
| Battery Type | LifePO4 Battery |
| Power of the Light | 30W |
| Light effect | 130-150lm/W |
| Total Height | 4000mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| Installation tube size | 76mm |
| Materials | Die-casting and PMMA diffuser |





2FSG023A(Solar Peregrine Light for street)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

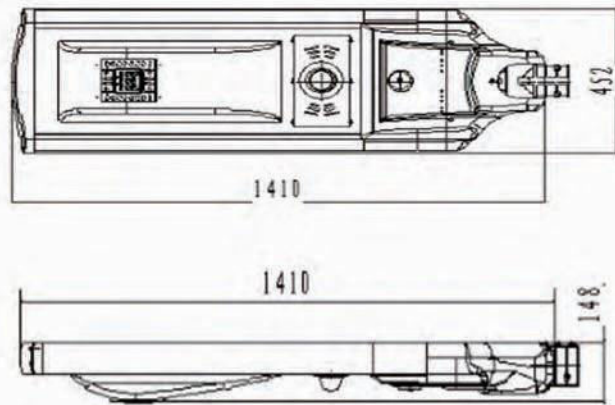
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night, with timer control or sensor control.



Specifications

| | |
|------------------------|-------------------------------|
| Power of the Solar | 35-55W |
| Battery Capability | 12.8V/30-40AH |
| Battery Type | LifePO4 Battery |
| Power of the Light | 15-40W |
| Light effect | 130-150lm/W |
| Total Height | 4000mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| Installation tube size | 76mm |
| Materials | Die-casting and PMMA diffuser |





2FSG024 (Solar Lantern Light with Flexible solar panel wrap on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 20-30W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 4m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| system voltage | 12V |
| IP Rating | IP 65 |

Descriptions & Advantages

Monocrystalline Silicon Solar Panel :

Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;

Light Source: LED (Pure color and Warm color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.

Working Modes: Automatically power on at day off in night. adjustable power is avaiable.





2FSG025 (Solar Bell Light with Flexible solar panel wrap on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 20-30W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 4m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~60℃ |
| system voltage | 12V |
| IP Rating | IP 65 |

Descriptions & Advantages

Monocrystalline Silicon Solar Panel :

Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;

Light Source: LED (Pure color and Warm color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.

Working Modes: Automatically power on at day off in night. adjustable power is availabe.





2FSG029(LED Solar Garden Light With Sky Wheels Design)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours
- Controller:** Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Die-casting lamp, aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically power on at day off in night. smart work timer control, work whole night according to timer to adjust different power.



Specifications

| | |
|--------------------------|---|
| Power of the Solar | 5V/21W(2 lamps) - 5V/28W(3 lamps) - 5V/35W(4 lamps) |
| Battery Capability | 3.2V/2000mAh - 3.2V/3000mAh - 3.2V/4000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 10W each lamp |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |
| Diameter of pole mounted | 76mm |

Dimension





2FSG030(LED Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel



long lifetime LifePO4 battery



International brand LED



Auto ON/OFF



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours

Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Die-casting lamp, aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night. smart work timer control, work whole night according to timer to adjust different power.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 5V/25W |
| Battery Capability | 3.2V/3000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 15W |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |
| Diameter of pole mounted | 76mm |

Dimension





2FSG031(LED Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel



long Lifetime LifePO4 battery



International brand LED



Auto ON/OFF



Descriptions & Advantages

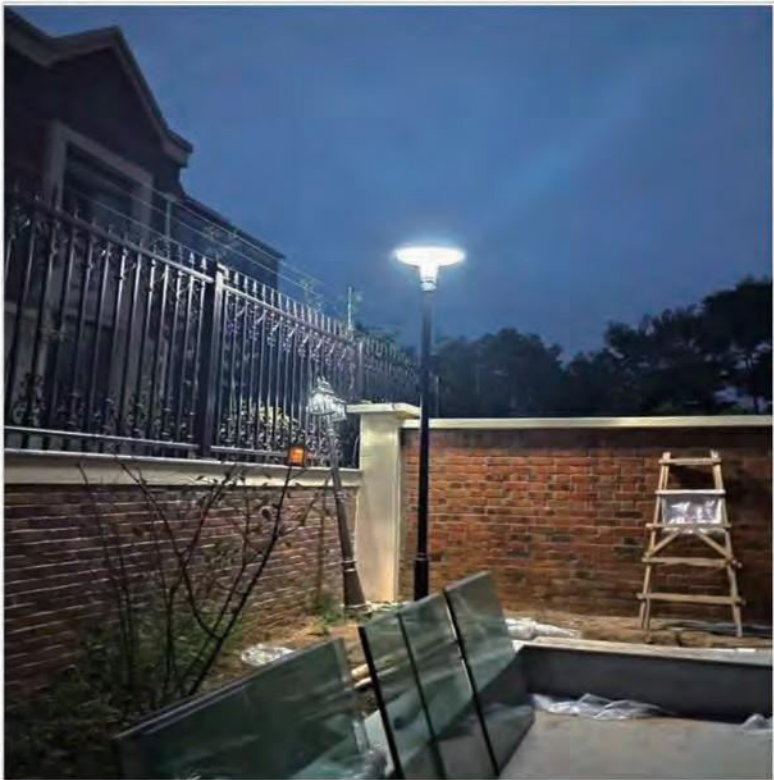
Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours

Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Die-casting lamp, aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night. smart work timer control, work whole night according to timer to adjust different power.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 5V/25W |
| Battery Capability | 3.2V/3000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 15W |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |
| Diameter of pole mounted | 76mm |

Dimension





2FSG032(LED Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel long lifetime LifePO4 battery International brand LED Auto ON/OFF



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours

Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Die-casting lamp, aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night. smart work timer control, work whole night according to timer to adjust different power.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 5V/20W |
| Battery Capability | 3.2V/2000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 10W |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |
| Diameter of pole mounted | 76mm |

Dimension





2FSG033(LED Solar Garden Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel



long lifetime LifePO4 battery



International brand LED



Auto ON/OFF



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours

Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Die-casting lamp, aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night. smart work timer control, work whole night according to timer to adjust different power.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 5V/20W |
| Battery Capability | 3.2V/2000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 10W |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |
| Diameter of pole mounted | 76mm |

Dimension





2FSG040K Solar LED Landscape Lamp



Advantages

- Controller:** Dedicated controller, Optically control, time control, anti-overdischarge and short-circuit resistance.
- Pole:** Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, weather and rust resistant.
- Work Time:** Optically controlled automatically open to turn off the lights. Maximum brightness work for 4 hours, 4 hours after work to half of the brightness before dawn. Auxiliary Lamp colorful gradient closed after 4 hours.



RGB-LED Colored Light



The decoration colors of Red, Green and Blue are cyclic-transformation day by day.

| Item No. | 2FSG040K |
|--------------------------------|-------------|
| Solar Power | 50W ± 15% |
| Battery Capacity | 12V/33Ah |
| Total Power of Light | 11W |
| Power of Main Lamp | 10W |
| Power of Auxiliary Lamp | 1W |
| Color Temperature of Main Lamp | 3000K~6000K |
| Working Temperature | -20℃~55℃ |
| Height | 3.7m |
| Wind Resistance | 27m/s |
| Rainy/Cloudy Days | 5~7 Days |

Remarks: Solar panel power, LED power, color temperature and battery capacity can be adjusted according to the customer's requirements.

The Application





2FSG068A Solar LED Garden Light



Advantages

Controller: Dedicated controller, optically control, time control, anti-overdischarge and short-circuit resistance.

Pole: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid and rust resistant.

Work Time: Optically controlled automatically open to turn off the lights. Maximum brightness work for 4 hours, 4 hours after work to half of the brightness before dawn. The Auxiliary lights work in full brightness firstly and 4 hours later, then turn off automatically.



Flexible Monocrystalline Silicon Solar Panel



Lead-Acid Battery



LED Light Source



Optically Control



Lng&Lat Control Switch

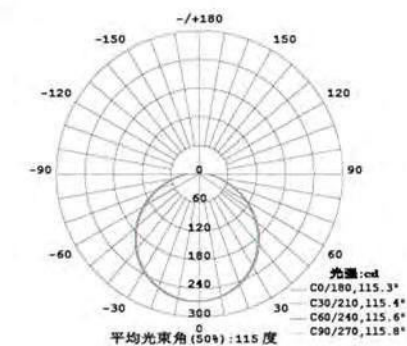


Intelligent Control



Remote Intelligent Control (Optional)

Light Distribution Curve



| Item No. | 2FSG068A |
|-----------------------------|-------------|
| Solar Power | 48W ± 15% |
| Battery Capacity | 12V/80Ah |
| Total Power of Light | 21W |
| Power of the Main Lamp | 10W * 2pcs |
| Power of the Auxiliary Lamp | 0.5W * 2pcs |
| Color Temperature | 3000K~6000K |
| Working Temperature | -20°C~55°C |
| Height | 4.3m |
| Luminous Flux | 1000 lm |
| Distance Between Light | 12m~18m |
| Road Width | 4m~6m |
| Wind Resistance | 27m/s |
| Rainy / Cloudy Days | 5~7 Days |

Remarks: Solar panel power, LED power, color temperature and battery capacity can be adjusted according to the customer's requirements.

The Application





Solar LED Street Light



Widely used in gardens, squares, residential, industrial, urban and rural roads, etc.

The design concept of flying shape on solar panel uses flowing curve line which makes the light more dynamic. It highlights the lightness, thickness and flexibility of solar panel. With self-developed controller, energy saving LED light and reliable battery, it makes the system greener and more stable.

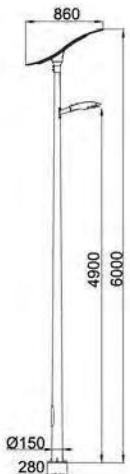


20W Solar street light with flexible solar panels

2FSG142B



Superb Carbon Steel Pole Coated
COB Light Source
High Regidity Polymer Materials
Intergrated Drive Controller

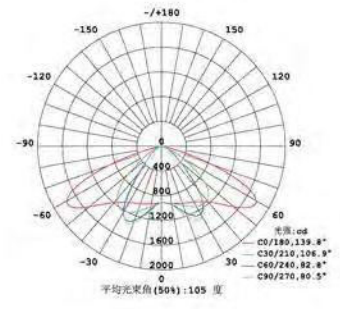


Advantages

- Controller:** Dedicated controller, remote control, optically control, time control, anti-overdischarge and short-circuit resistance.
- Pole:** Superb carbon steel pole coated with hot-dip zinc and electrostatic powder coating spray, anti-salted, anti-acid, and rust resistant.Solar panel mounting rack made by high regidity polymer materials.
- Work Time:** Optically controlled automatically turn on & off the lights. Maximum brightness work for 4 hours, and then turns to half of the brightness until dawn.

Flexible Solar Panel Lithium Battery LED Light Source Optically Control Lng&Lat Control Switch Intelligent Control Remote Intelligent Control (Optional)

Light Distribution Curve



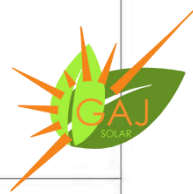
| Item No. | 2FSG142B |
|------------------------|-------------------|
| Solar Power | 65W ± 15% |
| Battery Capacity | 12V/65Ah |
| Battery Type | Lead-Acid Battery |
| Total Power of Light | 20W |
| Color Temperature | 4000K |
| Working Temperature | -20℃~55℃ |
| Height | 6m |
| Distance Between Light | 12m~18m |
| Road Width | 4m~6m |
| Wind Resistance | 27m/s |
| Rainy / Cloudy Days | 3~5 Days |

Option Battery: 12V/45Ah, Lithium Battery

Note: engineer will give the best configurations according to different place with diffrent solar radiator

The Application





60W Solar street light with flexible solar panels

2FSG151A

Superb Carbon Steel Pole Coated
COB Light Source
High Rigidity Polymer Materials
Intergrated Drive Controller

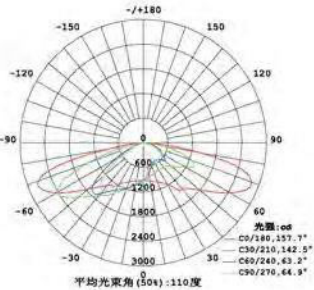


Advantages

- Controller:** Dedicated controller, remote control, optically control, time control, anti-overdischarge and short-circuit resistance.
- Pole:** Superb carbon steel pole coated with hot-dip zinc and electrostatic powder coating spray, anti-salted, anti-acid, and rust resistant.Solar panel mounting rack made by high rigidity polymer materials.
- Work Time:** Optically controlled automatically turn on & off the lights. Maximum brightness work for 4 hours, and then turns to half of the brightness until dawn.

Flexible Solar Panel Lead-Acid Battery LED Light Source Optically Control Lng&Lat Control Switch Intelligent Control Remote Intelligent Control (Optional)

Light Distribution Curve



| Item No. | 2FSG151A |
|------------------------|-------------------|
| Solar Power | 170W ± 15% |
| Battery Capacity | 12V/120Ah x2 |
| Battery Type | Lead-Acid Battery |
| Total Power of Light | 60W |
| Color Temperature | 4000K |
| Working Temperature | -20℃~55℃ |
| Height | 8m |
| Distance Between Light | 25m~30m |
| Road Width | 8m~10m |
| Wind Resistance | 27m/s |
| Rainy / Cloudy Days | 5~7 Days |

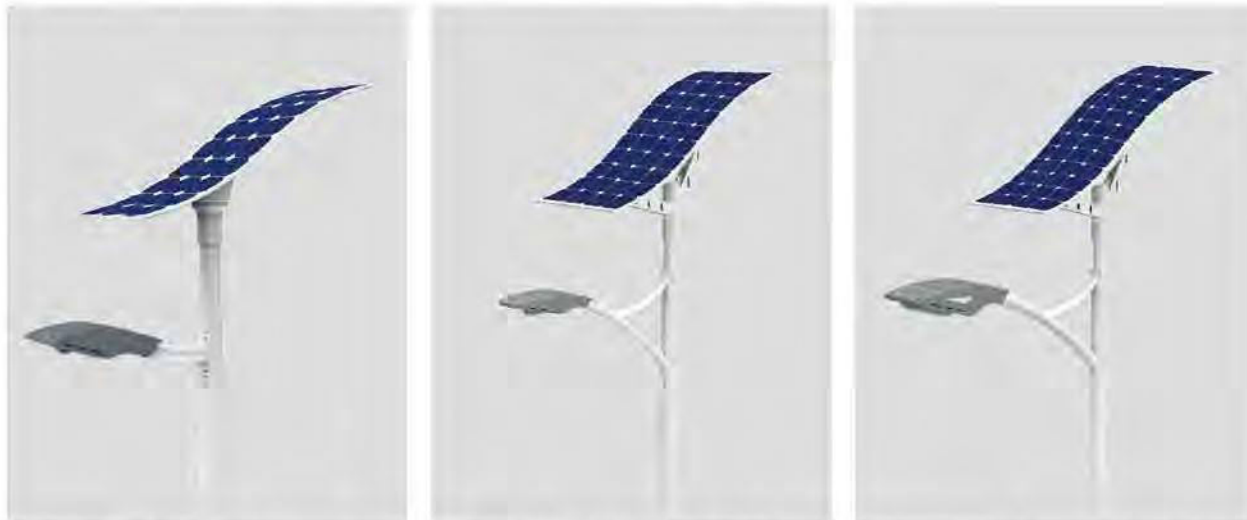
Note: engineer will give the best configurations according to different place with diffrent solar radiator

The Application





Solar street light with flexible solar panels



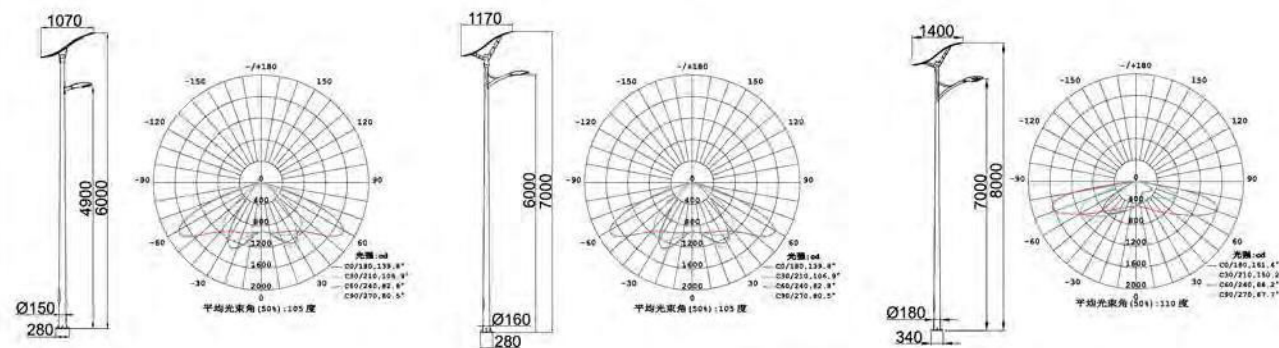
30W(2FSG145)

40W(2FSG146)

50W(2FSG147)

| Item No. | 2FSG145 | 2FSG146 | 2FSG147 |
|------------------------|-------------------|-------------------|-------------------|
| Solar Power | 85W ± 15% | 120W ± 15% | 150W ± 15% |
| Battery Capacity | 12V/100Ah | 12V/150Ah | 12V/100Ah x2 |
| Battery Type | Lead-Acid Battery | Lead-Acid Battery | Lead-Acid Battery |
| Total Power of Light | 30W | 40W | 50W |
| Color Temperature | 4000K | 4000K | 4000K |
| Working Temperature | -20°C~55°C | -20°C~55°C | -20°C~55°C |
| Height | 6m | 7m | 8m |
| Distance Between Light | 12m~18m | 18m~25m | 18m~25m |
| Road Width | 4m~6m | 6m~8m | 6m~8m |
| Wind Resistance | 27m/s | 27m/s | 27m/s |
| Rainy / Cloudy Days | 5~7 | 5~7 | 5~7 |

Option Battery: 12V/70Ah, Lithium Battery



Note: engineer will give the best configurations according to different place with different solar radiation

Solar street light with flexible solar panels

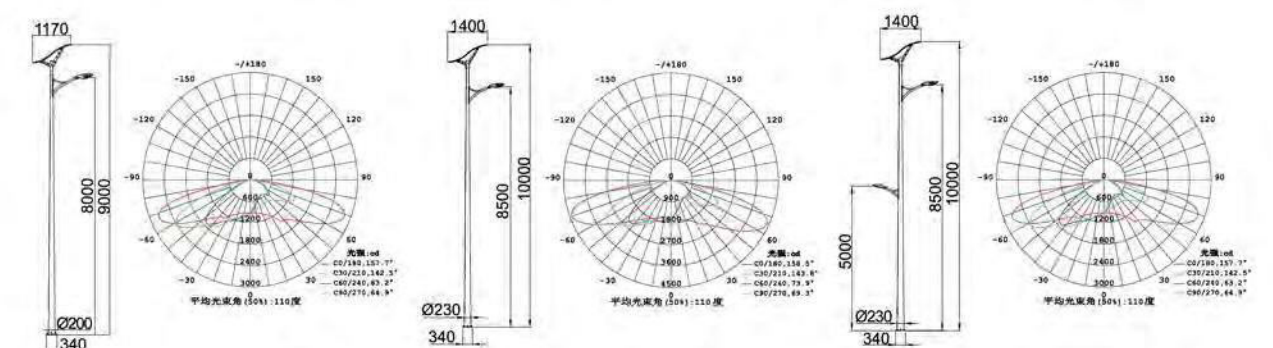


80W(2FSG148)

100W(2FSG149)

80W+20W(2FSG150)

| Item No. | 2FSG148 | 2FSG149 | 2FSG150 |
|--------------------------|-------------------|-------------------|-------------------|
| Solar Power | 240W ± 15% | 300W ± 15% | 300W ± 15% |
| Battery Capacity | 12V/150Ah x2 | 12V/200Ah x2 | 12V/200Ah x2 |
| Battery Type | Lead-Acid Battery | Lead-Acid Battery | Lead-Acid Battery |
| Power of Main Light | 80W | 100W | 80W |
| Power of Auxiliary Light | / | / | 20W |
| Color Temperature | 4000K | 4000K | 4000K |
| Working Temperature | -20°C~55°C | -20°C~55°C | -20°C~55°C |
| Height | 9m | 10m | 10m |
| Distance Between Light | 25m~30m | 30m~35m | 25m~30m |
| Road Width | 8m~10m | 10m~15m | 8m~10m |
| Wind Resistance | 27m/s | 27m/s | 27m/s |
| Rainy / Cloudy Days | 5~7 Days | 5~7 Days | 5~7 Days |



Note: engineer will give the best configurations according to different place with different solar radiation

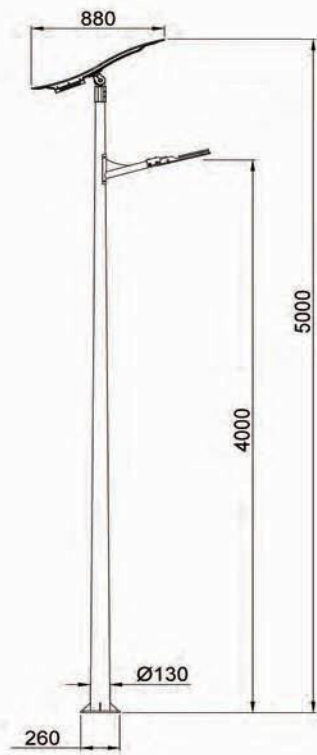


2FSG173

LED Solar Street Light With Semi-flexible Monocrystalline Silicon Solar Panel

Application

Widely used in gardens, squares, residential areas and urban & rural roads, etc.



Advantages

- Solar Panel : Flexible Monocrystalline Silicon ,lifetime over 15 years.
- Light Source: Famous LED chips. and high light efficiency.
- Controller: Dedicated controller, remote control, optically control, time control,anti-overdischarge and short-circuit resistance.
- Materials: Superb carbon steel pole coated with hot-dip zinc and electrostatic powder coating spray, anti-salted, anti-acid, and rust resistant. solar panel mounting rack made by high rigidity polymer materials.
- Intelligent Controller: Remote Intelligent Controlling (Option) or On-site Remote Controlling to read and set up the work time, work style, And read battery/solar panel's voltage and current
- Work time: Optical controlling open automatically light on/ off. Lighting mode and power can be adjustable.

2FSG173



Specifications

| | |
|--------------------|--|
| Solar Panel Power | 65W Flex PV for 20W LED power; 85W Flex PV for 30W power |
| Battery Capability | 11.1V/20AH for 20W; 11.1V/30AH for 30W |
| Battery Type | Li-ion battery OR LifePO4 battery |
| LED Power | 20W OR 30W |
| Color Temperature | 4000K |
| Total Height | 5 meters |
| Wind Resistance | 27m/S (Wind glade 10) |
| Rainy/Cloudy Days | 2-3 Days last |





2FSG168/2FSG169(30W and 40W all in one solar street light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy housing powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes:
Automatically turn on night and turn off at day.
Work with motion sensor:
1-4Hours 50% power work,
touch sensor 100%;
5-8 Hours 40% power work
touch sensor 70%;
9-12 Hours 30% power work
touch sensor 60%;
Water proof: IP65 for outdoor use.



Specifications

| | |
|---------------------|---|
| Power of the Solar | 40W/18V(for 30W light); 50W/18V(for 40W light) |
| Battery Capability | 12.8V/22Ah(customized) |
| Battery Type | LifePO4 Battery good lifetime |
| Power of the Light | 30W and 40W (Philips SMD3030 96pcs) |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12Hours whole night |
| Charge time | 6-8 Hours |
| Installation Height | 5-6Meters |





2FSG170/2FSG171(50W and 60W all in one solar street light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Angle adjustable 60 Degree



Descriptions & Advantages

- Monocrystalline Silicon Solar Panel :** The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
- Controller:** Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy housing powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:**
 - Automatically turn on night and turn off at day.
 - Work with motion sensor:
 - 1-4Hours 50% power work,
 - touch sensor 100%;
 - 5-8 Hours 40% power work
 - touch sensor 70%;
 - 9-12 Hours 30% power work
 - touch sensor 60%;
- Water proof:** IP65 for outdoor use.



Specifications

| | |
|---------------------|---|
| Power of the Solar | 70W/18V(for 50W light); 80W/18V(for 60W light) |
| Battery Capability | 12.8V/26.4Ah(customized) |
| Battery Type | LifePO4 Battery good lifetime |
| Power of the Light | 50W and 60W (Philips SMD3030 144pcs) |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12Hours whole night |
| Charge time | 6-8 Hours |
| Installation Height | 6-7Meters |

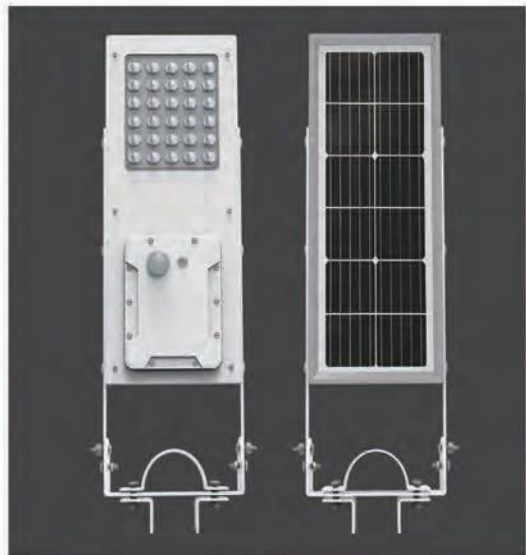




2FSG166(All In One Integrated Solar Street Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



LED Power 5W



LED Power 10W

With 360 degree Adjustable bracket of solar panel

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)
600-650lm for 5W or 1200-1300lm for 10W luminous flux
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Aluminum profile frame powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night.

With Radar motion sensor, 30% power work time, once motion sensor detected 100% power work, after 30S back to 30% work time without sensor.



Specifications

| | |
|---------------------------|--|
| Power of the Solar | 5V/7W for 5W LED power; 5V/15W for LED 10W LED power |
| Battery Capability | 3.2V/7.5AH for 5W LED power; 3.2V/24AH for 10W LED power |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 5W; 10W |
| Dimension | 450*146*75mm; 680*195*75mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 5-8 hours |
| Last Rainy or Cloudy days | 3-5days; 5-7days |





2FSG034(LED Solar Street Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

Lifetime more than 50,000Hours

Die-casting Aluminum housing with good quality

Controller: Automatical on/off, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

Working Modes: Automatically power on at day off in night, work whole night according to different time to adjust power.



Specifications

| | |
|--------------------------|--|
| Power of the Solar | 5V/40W - 5V/50W - 5V/60W |
| Battery Capability | 3.2V/0000mAh - 3.2V/4000mAh - 3.2V/6000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 25W - 35W - 50W |
| Recommend Height Mounted | 4-7m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Diameter of pole mounted | 60mm |

Dimension





2FSG035(LED Solar Street Light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

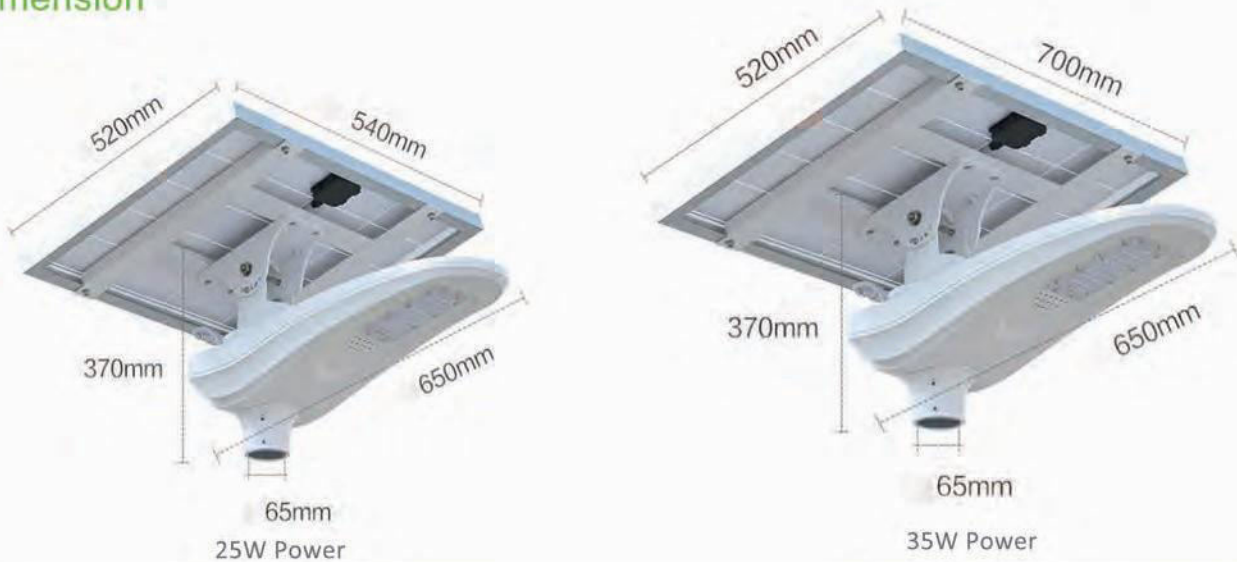
- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
 - Lifetime more than 50,000Hours
 - Die-casting Aluminum housing with good quality
- Controller:** Automatic on/off, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically power on at day off in night. work whole night according to different time to adjust power.



Specifications

| | |
|--------------------------|---|
| Power of the Solar | 5V/40W for 25W lamp and 5V/50W for 35W lamp |
| Battery Capability | 3.2V/3000mAh and 3.2V/4000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 25W and 35W |
| Recommend Height Mounted | 4-7m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Diameter of pole mounted | 60mm |

Dimension





2FSG018 (Solar street Light with Flexible solar panel wrap on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 40-100W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 6-9m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| system voltage | 12V/24V |
| IP Rating | IP 65 |
| Dimension | Diameter 195mm*9000mm |

Descriptions & Advantages

Monocrystalline Silicon Solar Panel :

Use the advanced and thinnest film flexible solar panel in the world; thickness only 0.33mm,bended and anti-knock; solar panel with great energy absorbing even weak sunshine;

Light Source: LED (Pure color and Warm color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.

Working Modes: Automatically power on at day off in night. adjustable power is availabe,





2FSG019 (Solar street Light with Flexible solar panel wrap on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 20-60W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 4-6m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| system voltage | 12V/24V |
| IP Rating | IP 65 |
| Dimension | Diameter 155mm*6800mm |

Descriptions & Advantages

- Monocrystalline Silicon Solar Panel :**
Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;
- Light Source:** LED (Pure color and Warm color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours
- Controller:** Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.
- Working Modes:** Automatically power on at day off in night. adjustable power is availabe,





2FSG020 (Solar steet Light with Flexible solar panel wrap on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|--|
| Power of the Solar | Flexible solar panel per section power 80W, install on pole; |
| Power of the Light | 20-60W |
| Battery Type | Lithium Battery, recycle more than 1500 times; |
| Total Height | 6-9m |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| system voltage | 12V/24V |
| IP Rating | IP 65 |
| Dimension | 150mm*150*6800mm |

Descriptions & Advantages

Monocrystalline Silicon Solar Panel :

Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;

Light Source: LED (Pure colar and Warn color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.

Working Modes: Automatically power on at day off in night. adjustable power is availabe,





2FSG120(120W Solar steet Light with Flexible solar panel wrap on pole)
2FSG150(150W Solar steet Light with Flexible solar panel wrap on pole)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel :
Use the advanced and thinnest film flexible solar panel in the world;
thickness only 0.33mm,bended and anti-knock;
solar panel with great energy absorbing even weak sunshine;
Light Source: LED (Pure colar and Warn color for option)
color Temp: 3000K-6000K
Lifetime more than 50,000Hours
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Solar panel area with luminum alloy, other steel pole coated with electrostatic spray for anti-salted, anti-acid, rust resistant.
Working Modes: Automatically power on at day off in night. adjustable power is availabe.



Specifications

| | |
|---------------------|---|
| Power of the Solar | Flexible solar panels: 680W(170W*4pcs sections) for 120W light; Flexible solar panels: 850W(170W*5pcs sections) for 150W light |
| Power of the Light | 120W(>18600lm); 150W(>22500lm) |
| Battery Type | Lithium Battery 24V/100AH for 120W power; Lithium Battery 24V/150AH for 150W power; |
| Total Height | Pole 11meters for 120W; Pole 13meters for 150W |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| system voltage | 24V |
| IP Rating | IP 65 |



CIGS Flex solar panel charging battery even cloudy days



Solar LED Bollard Light

LED SOLAR LAWN-WALL LIGHT UNIQUE DESIGN SERIES



Widely used in Parks, Squares, Gardens, etc.

Select the high quality crystal silicon solar panel, intelligent controller, reliable of battery, long lifespan, and high efficiency LED light source. Concise appearance, easy installation.

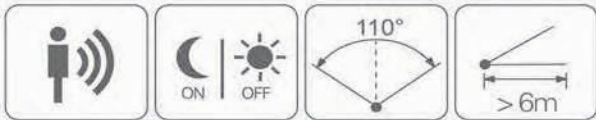


2FSL051

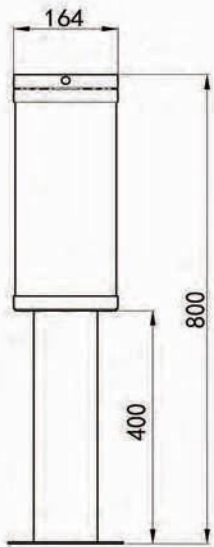
Solar LED Sensor Bollard Lamp

Product Scopes

Widely installed in villa、hotel、residential communities
、gardens and etc.



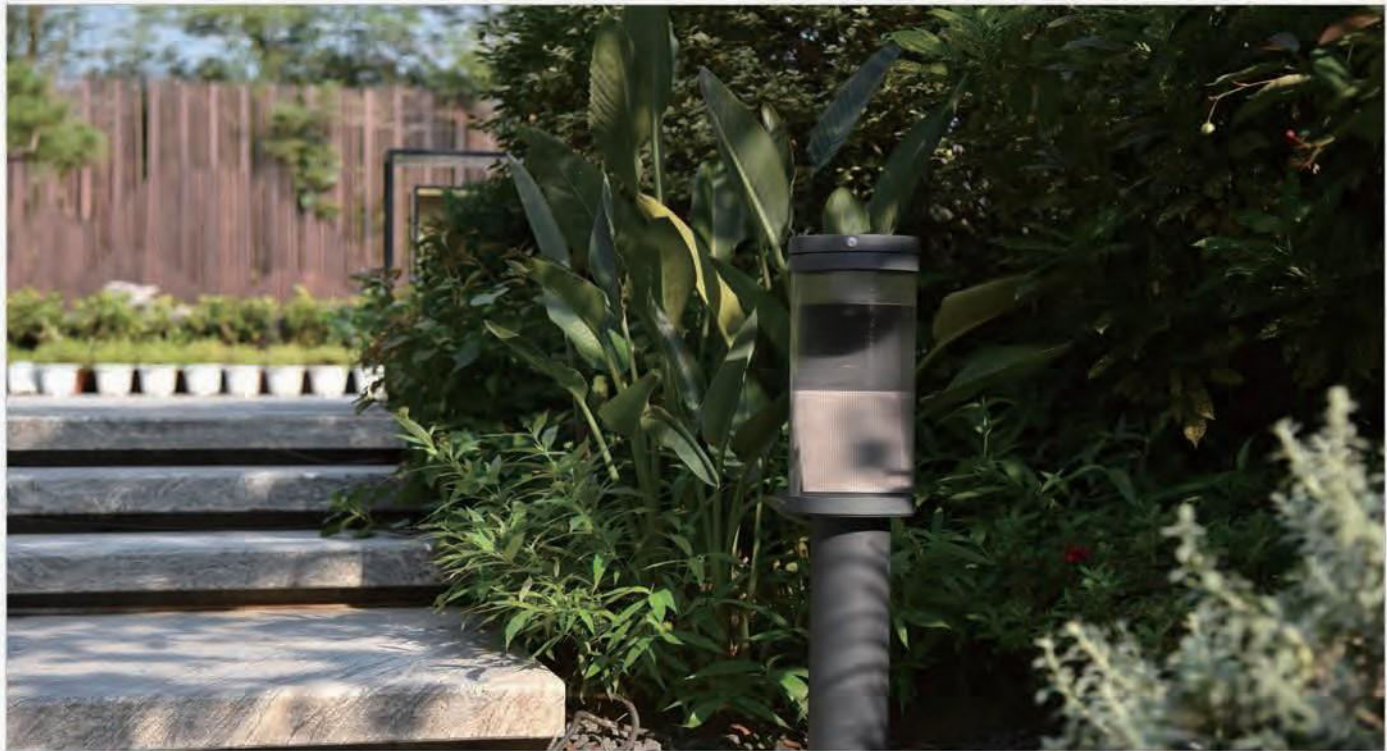
Patent: N0005323581-001



Descriptions & Advantages

- Solar panel: Monocrystalline Silicon, lifetime over 15 years.
- Light Source: LED (Pure color and warm color for option)
- Controller: Intelligent controller.According to the light condition, adjust the LED brightness automatically and extend the battery life.
- Materials: Aluminum body with electrostatic spraying.
- Working Mode: 3 working mode by physical button.
 - ①Sensor Mode: 0.2W slight light at ordinary time, when sensor activation full light 10 seconds.
 - ②Saving Mode: light off at ordinary time, when sensor activation full light 10 seconds;
 - ③Full Light Mode: 0.2W slight light at ordinary time, sensor function close.

2FSL051



Specifications

| | |
|---------------------|-------------------|
| Solar Panel Power | 2.5W |
| Battery Capability | 8.1Wh |
| Battery Type | LI-ion Battery |
| Mormal LED Power | 0.2W |
| Maximum LED Power | 1.5W |
| Color Temperature | 3000K/5000K |
| Working Temperature | -20℃~55℃ |
| Sensing times | >1700(Full power) |
| IP Class | IP65 |

Remarks:Solar panel power, LED power,color temperature,Lamp size and battery capacity can be adjusted according to the clients' requirements.



Infrared Sensor



Lighting status with nobody passing through

Lighting status when people are passing



2FSL605(solar wall light)

2FSL606(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



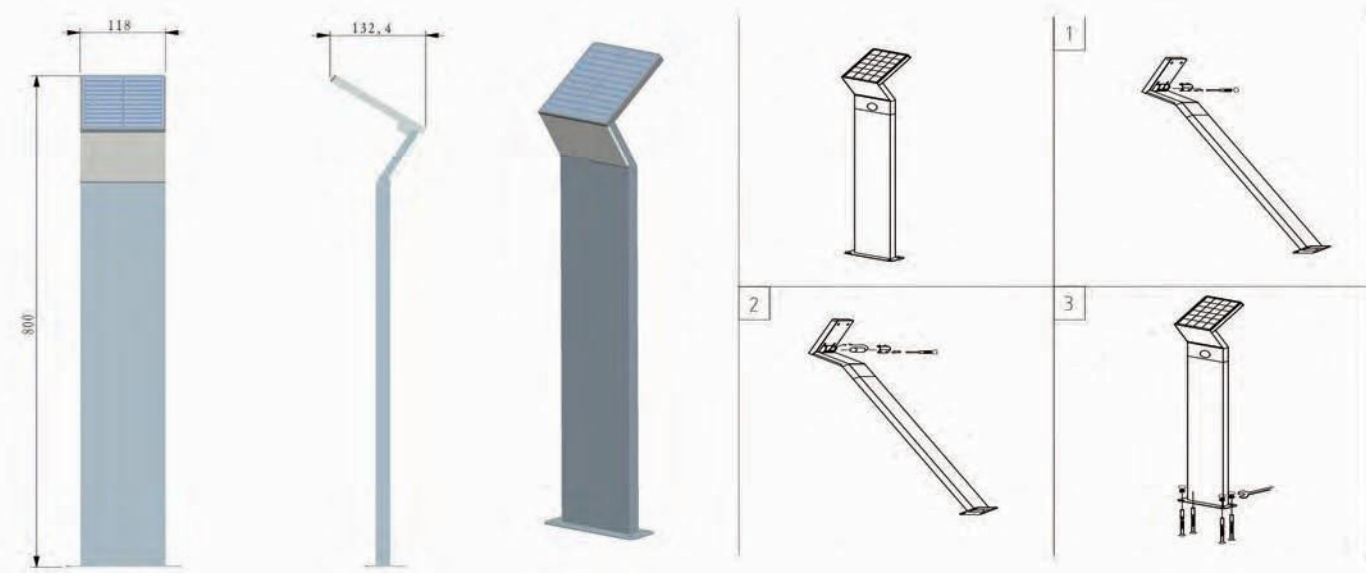
Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. Initial power 10%,Sensor touch 100%, without sensor back to 10% power after 40 seconds.
Sensor range: 6-8m, sensor angle 90-110 degree



Specifications

| | |
|---------------------|---|
| Power of the Solar | 3W |
| Battery Capability | 3.7V/4400mAh |
| Battery Type | Li-ion Battery |
| Power of the Light | 3W |
| Total Height | 800mm(solar lawn light);118mm(solar wall light) |
| Installation Height | 1.5m~2.5m(solar wall light) |
| Working Temperature | -20℃~55℃ |
| Sensing times | >800(Full power) |



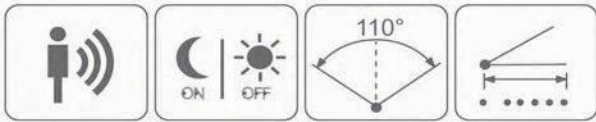


2FSL607(solar wall light)

2FSL608(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.

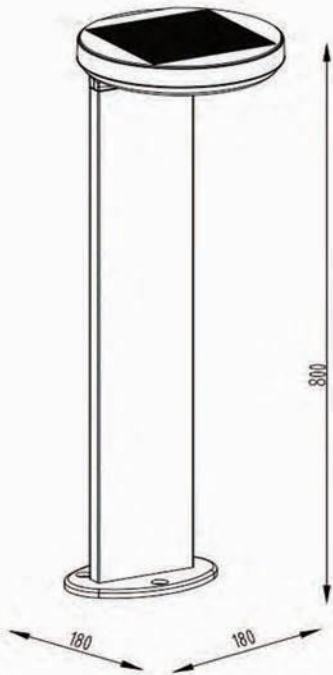
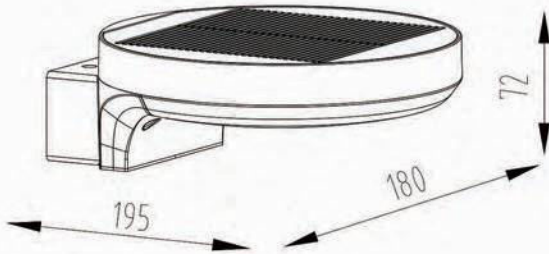


Specifications

| | |
|---------------------|--|
| Power of the Solar | 1.8W/5.5V |
| Battery Capability | 3.7V/4400mAh |
| Battery Type | Li-ion Battery |
| Power of the Light | 2W |
| Total Height | 800mm(solar lawn light);72mm(solar wall light) |
| Water proof | IP65 |
| Working Temperature | -20℃~60℃ |
| Sensing times | >800(Full power) |

Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source**: LED (Pure colar and Warn color for option)
- Controller**: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials**: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes**: Automatically power on at day off in night. Initial power 10%,Sensor touch 100%, without sensor back to 10% power after 40 seconds.
- Sensor range**: 6-8m, senor angle 90-110 degree

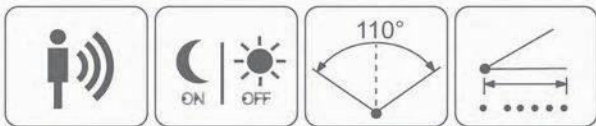




2FSL001(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



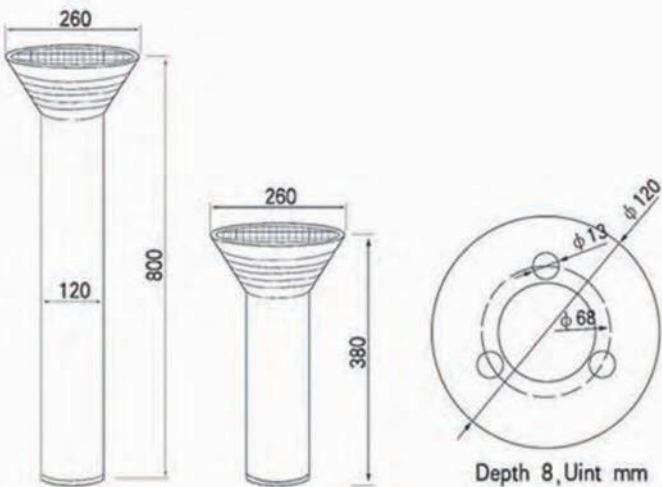
Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
- Controller:** Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically power on at day off in night. Initial power 3%,Sensor touch 100%, without sensor back to 3% power after 40 seconds.
- Sensor range:** 6-8m, sensor angle 90-110 degree



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 5.5W |
| Battery Capability | 6.4V/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3.5W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Sensing times | >800(Full power) |



The height is customizable according to special requirement.



2FSL002A/2FSL002B(LED solar Lawn-Wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall mounted 2FSL002B



For bollard mounted
2FSL002A



High Efficiency solar panel long lifetime LifePO4 battery International brand LED Auto ON/OFF

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|-------------------------|
| Power of the Solar | 4.5W/5V |
| Battery Capability | 3.2V/6400mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 300/600/800mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12 Hours whole night |
| Charge time | 4-5 Hours |



Dimension

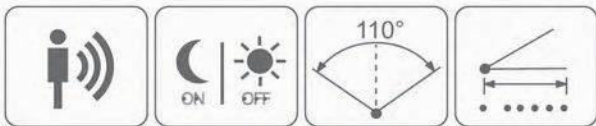




2FSL003(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.

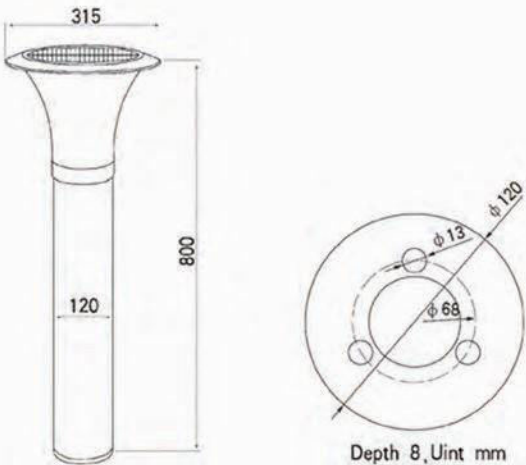


Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 3%,Sensor touch 100%, without sensor back to 3% power after 40 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 9V/5.5W |
| Battery Capability | 6.4V/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 6 hours |
| Discharging time | 23hours |





2FSL004A/2FSL004B(LED solar Lawn-Wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall mounted 2FSL004B



High Efficiency solar panel



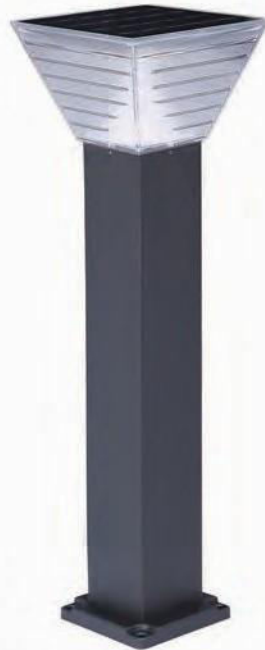
long lifetime LifePO4 battery



International brand LED



Auto ON/OFF



For bollard mounted
2FSL004A

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|-------------------------|
| Power of the Solar | 5W/5V |
| Battery Capability | 3.2V/6400mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 400/600/800mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12 Hours whole night |
| Charge time | 4-5 Hours |



Dimension

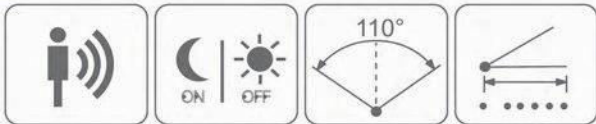




2FSL005(solar Lawn light)

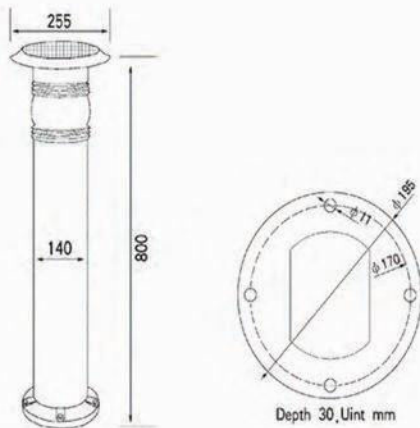
Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 9V/3.5W |
| Battery Capability | 6.4V/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 1.8W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 23 hours |
| (Motion sensor optional) | |



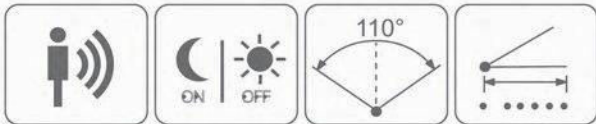
Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 30%,Sensor touch 100%, without sensor back to 30% power after 30 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree



2FSL006(solar Lawn light)

Product Scopes

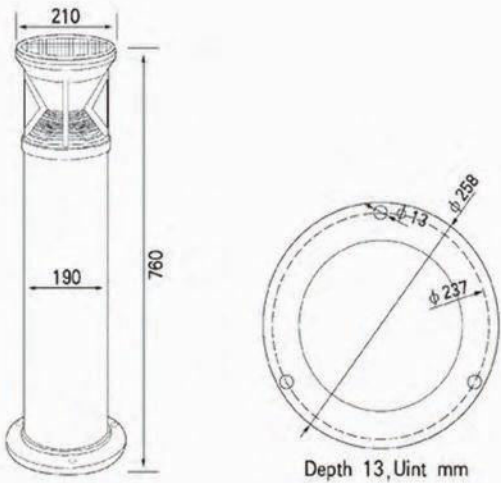
It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 9V/3.5W |
| Battery Capability | 6.4V/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 1.8W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 23 hours |
| (Motion sensor optional) | |

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 30%,Sensor touch 100%, without sensor back to 30% power after 30 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree

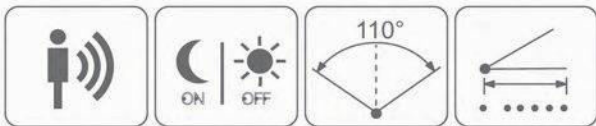




2FSL010(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 9V/3.5W |
| Battery Capability | 6.4/4500mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 1.8W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Sensing times | >800(Full power) |

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.

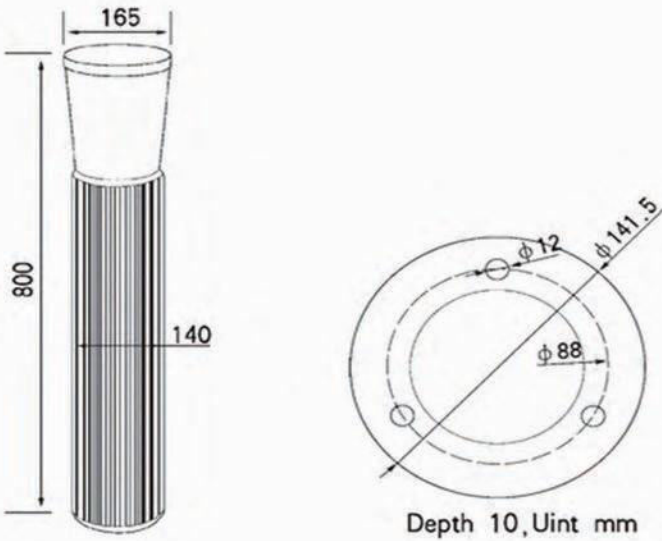
Working Modes: Automatically power on at day off in night.

1, 100% power work on per day till battery use out;

2, Motion sensor:Initial power 3%,Sensor touch 100%, without sensor back to 3% power after 40 seconds.

3, timing control: before 4 hours full power then half to next dawn.

Sensor range: 6-8m, sensor angle 90-110 degree

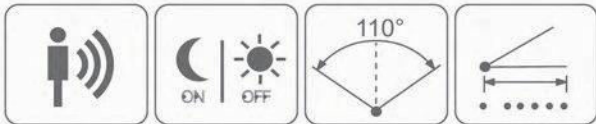




2FSL011(solar Lawn light)

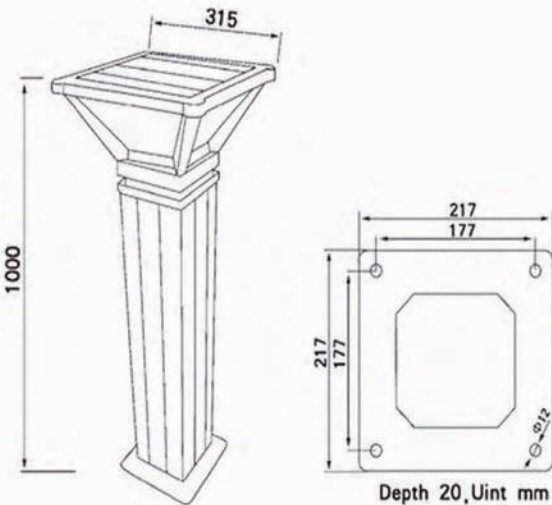
Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 9V/7W |
| Battery Capability | 6.4V/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 1000mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 4 hours |
| Discharging time | 10 hours |
| (Motion sensor optional) | |



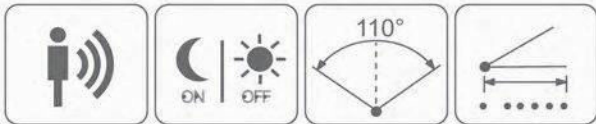
Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 30%,Sensor touch 100%, without sensor back to 30% power after 40 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree



2FSL014(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.

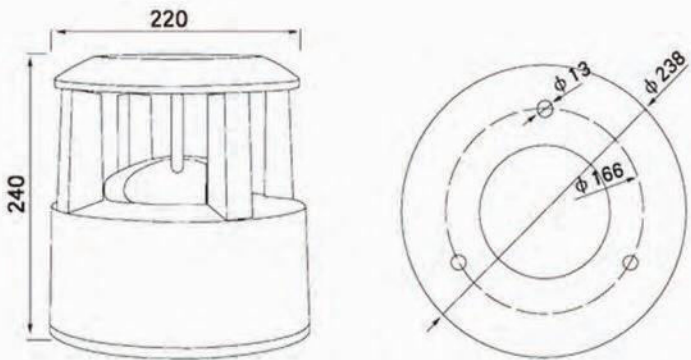


Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 30%,Sensor touch 100%, without sensor back to 30% power after 30 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 9V/3.5W |
| Battery Capability | 6.4V/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 1.8W |
| Total Height | 240mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 23 hours |
| (Motion sensor optional) | |

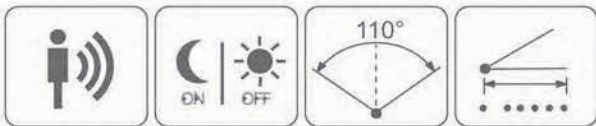




2FSL017(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.

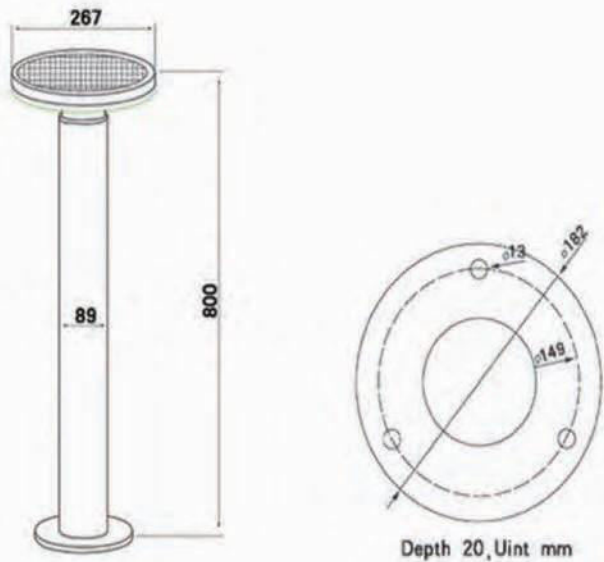


Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 5.5W |
| Battery Capability | 6.4/4500mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3.5W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Sensing times | >800(Full power) |

Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source**: LED (Pure color and Warm color for option)
- Controller**: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials**: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes**: Automatically power on at day off in night. Initial power 3%,Sensor touch 100%, without sensor back to 3% power after 40 seconds.
- Sensor range**: 6-8m, sensor angle 90-110 degree

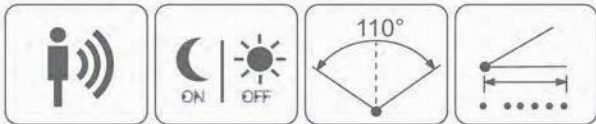




2FSL019(solar Lawn light)

Product Scopes

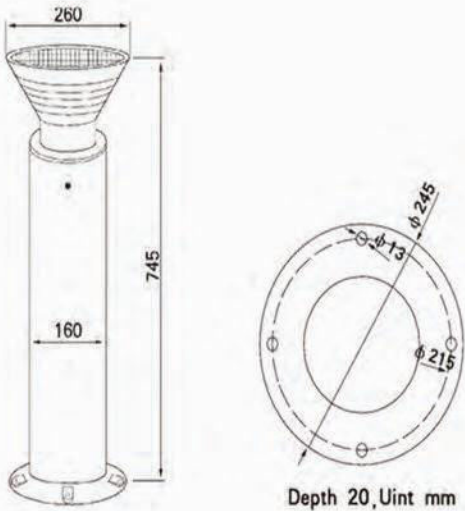
It has been widely used in villa, Home Communities, Gardens, and etc.



Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 3%,Sensor touch 100%, without sensor back to 3% power after 40 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree

Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 9V/5.5W |
| Battery Capability | 6.4/4500mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 745mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 6 hours |
| Discharging time | 10 hours |





2FSL022(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



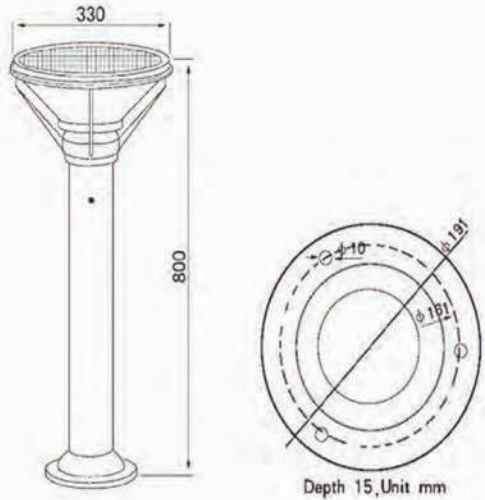
Descriptions & Advantages

- Monocrystalline Silicon Solar Panel** : The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
- Controller:** Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically power on at day off in night.
- 1, 100% power work on per day till battery use out;
- 2, Motion sensor:Initial power 30%,Sensor touch 100%, without sensor back to 30% power after 30 seconds.
- 3, timing control: before 4 hours full power then half to next dawn.
- Sensor range:** 6-8m, sensor angle 90-110 degree



Specifications

| | |
|--------------------------|-------------------------|
| Power of the Solar | 9V/7W |
| Battery Capability | 6.4/5000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 4W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 10 hours |
| (motion sensor optional) | |

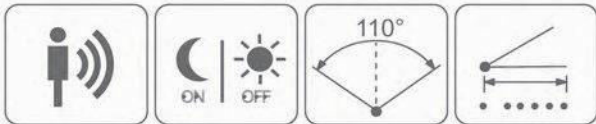
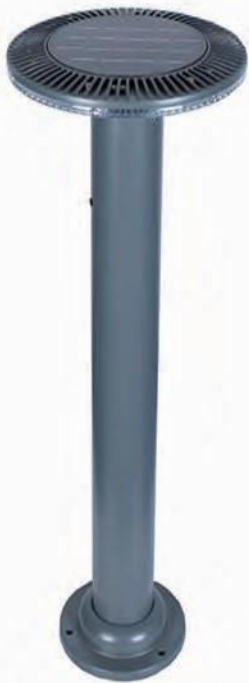




2FSL030(solar Lawn light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.

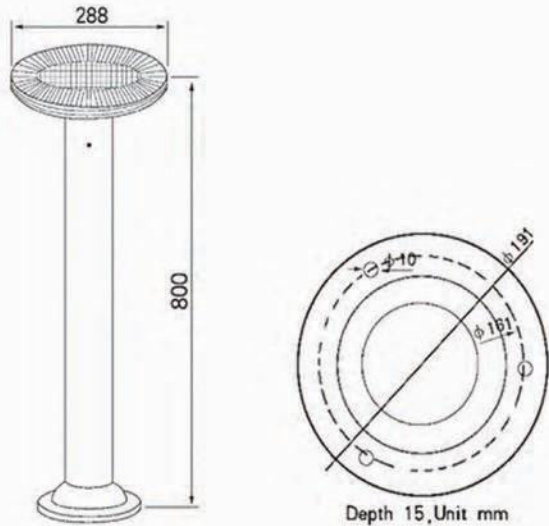


Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Optically Control, Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night.
1, 100% power work on per day till battery use out;
2, Motion sensor:Initial power 3%,Sensor touch 100%, without sensor back to 3% power after 40 seconds.
3, timing control: before 4 hours full power then half to next dawn.
Sensor range: 6-8m, sensor angle 90-110 degree



Specifications

| | |
|---------------------|-------------------------|
| Power of the Solar | 9V/3.5W |
| Battery Capability | 6.4/4500mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 1.8W |
| Total Height | 800mm |
| Color Temperature | 3000K-6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |





LED solar bollard and wall for decorative light
2FSL038A (warm or white color)
2FSL038B (seven colorful light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Specifications

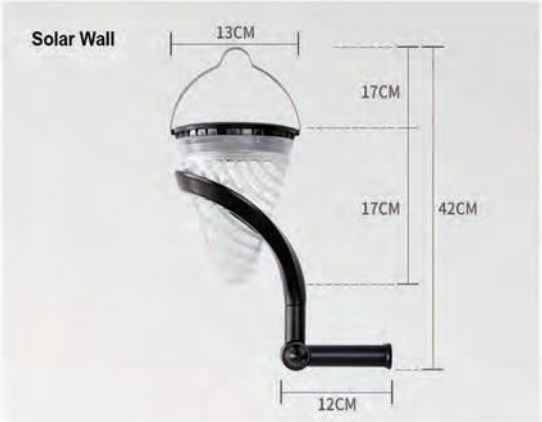
| | |
|--------------------|-----------------------|
| Power of the Solar | 250MAH/5.5V |
| Battery Capability | 3.7V/2200mAh |
| Battery Type | Lithium Battery |
| Power of the Light | 150lm, 12pcs SMD2835 |
| Total Height | check below dimension |
| Work Temperature | -20℃~55℃ |
| Charge time | 6-8 Hours |
| Work time | 8-10 Hours |
| mounted type | For wall or lawn type |



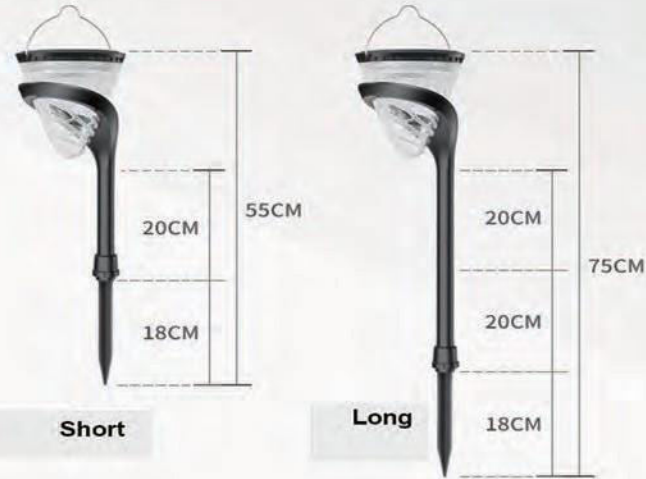
Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option),and with 7 colorful light for optional.
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Durable ABS+PC+hardward part.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Outdoor and Indoor Dual use: Solar head separated with bracket, can take into indoor use. good for villa, courtyard, private house etc applications.
Water proof: IP65 for outdoor use.

Dimension



Solar Bollard





2FSL039A (LED solar bollard for decorative light)
2FSL039B (LED solar wall for decorative light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Durable ABS+PC+hardward part.
Working Modes: Automatically power on at day off in night.
work mode can set up warm color, white color or sever colorful light.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|-----------------------|
| Power of the Solar | 150MAH/5.5V |
| Battery Capability | 3.7V/750mAh |
| Battery Type | Lithium Battery |
| Power of the Light | 120lm, 12pcs SMD2835 |
| Total Height | check below dimension |
| Work Temperature | -20℃~55℃ |
| Charge time | 6-8 Hours |
| Work time | 8-10 Hours |
| mounted type | For wall or lawn type |



Dimension





2FSL040A (LED solar bollard light)
2FSL040B (LED solar wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option).
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Durable ABS+PC+hardward part.
Working Modes: Automatically power on at day off in night.
5 work modes:
1) 100% power 2 hours;
2) 60% power 4 hours;
3) 30% power 8 hours;
4) SOS function;
5) Flashing light function.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|---------------------------|
| Power of the Solar | 1.6W/5.5V |
| Battery Capability | 3.7V/2200mAh |
| Battery Type | Lithium Battery |
| Power of the Light | 200lm(max), 48pcs SMD2835 |
| Total Height | check below dimension |
| Work Temperature | -20℃~55℃ |
| Charge time | 6-8 Hours |
| Work time | 5 work modes |
| mounted type | For wall or lawn type |



Dimension





2FSL041 (LED solar wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel



long lifetime LiFePO4 battery



International brand LED



Auto ON/OFF

180 degree angle rotated



180° Rotated



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option).

Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: Durable ABS+PC.

Working Modes: Automatically power on at day off in night.

4 work modes:

- 1) motion sensor+ weak light;
- 2) motion sensor+ no sensor without light;
- 3) work 4 hours;
- 4) work 8 hours.

Water proof: IP65 for outdoor use.

Specifications

| | |
|--------------------|---------------------------|
| Power of the Solar | 1.5W/5.5V |
| Battery Capability | 3.7V/2200mAh |
| Battery Type | Lithium Battery |
| Power of the Light | 600lm(max), 18pcs SMD2835 |
| Total Height | check below dimension |
| Work Temperature | -20℃~55℃ |
| Charge time | 6-8 Hours |
| Work time | 4 modes |
| mounted type | For wall type |

Different installation



For fence



For wall

Dimension





2FSL042A (LED solar bollard light)
2FSL042B (LED solar wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel long lifetime LifePO4 battery International brand LED Auto ON/OFF

Sensor distance 5-8m, range 150 degree



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option).
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Durable ABS+PC.
Working Modes: Automatically power on at day off in night.
4 work modes:
1) motion sensor+ weak light;
2) motion sensor+ no sensor without light;
3) work 4 hours;
4) work 8 hours.
Water proof: IP65 for outdoor use.

Specifications

| | |
|--------------------|---------------------------|
| Power of the Solar | 2.5W/5.5V |
| Battery Capability | 3.7V/2600mAh |
| Battery Type | Lithium Battery |
| Power of the Light | 500lm(max), 18pcs SMD2835 |
| Total Height | check below dimension |
| Work Temperature | -20℃~55℃ |
| Charge time | 6-8 Hours |
| Work time | 4 modes |
| mounted type | For wall and lawn type |



Dimension



Length: 68.3CM;
Lamp dia: 10.5CM



solar panel: 17*10CM



Lamp also rotated down



solar panel 360 degree run



2FSL043A/2FSL043B(LED solar Lawn-Wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall mounted 2FSL043B



For bollard mounted
2FSL043A

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|-------------------------|
| Power of the Solar | 4.5W/5V |
| Battery Capability | 3.2V/7000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 350/650/850mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12 Hours whole night |
| Charge time | 4-5 Hours |



Dimension





2FSL044A (LED solar bollard light)
2FSL044B (LED solar wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall Mounted



For Lawn Mounted

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option).
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Durable ABS+PC.
Working Modes: Automatically power on at day off in night.
2 work modes:
1) motion sensor+ weak light;
2) no motion sensor.
Water proof: IP65 for outdoor use.

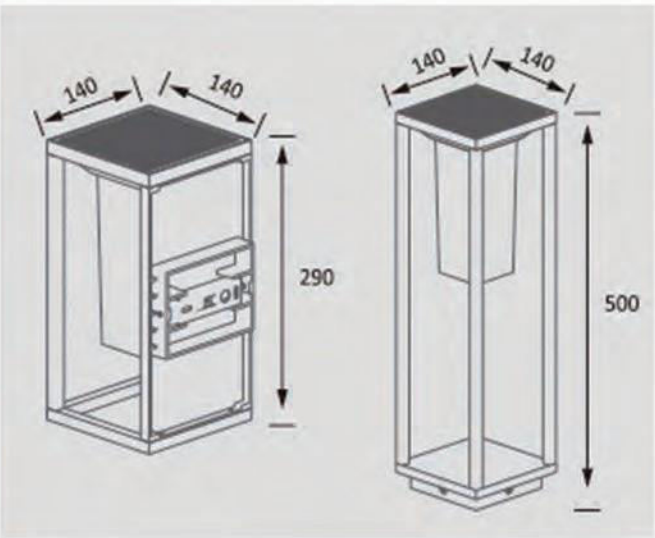


Specifications

| | |
|--------------------|--------------------------|
| Power of the Solar | 3W/5.5V |
| Battery Capability | 3.7V/2600mAh |
| Battery Type | Lithium Battery |
| Power of the Light | 220m(max), 50pcs SMD2835 |
| Total Height | check below dimension |
| Work Temperature | -20℃~55℃ |
| Charge time | 6-8 Hours |
| Work time | 2 modes with switch |
| mounted type | For wall and lawn type |



Dimension





2FSL045A/2FSL045B(LED solar Lawn-Wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall mounted 2FSL045B



High Efficiency solar panel



long lifetime LifePO4 battery



Intermatinal brand LED



Auto ON/OFF



For bollard mounted
2FSL045A

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|-------------------------|
| Power of the Solar | 4.5W/5V |
| Battery Capability | 3.2V/7000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 450/700mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12 Hours whole night |
| Charge time | 4-5 Hours |



Dimension





2FSL046A/2FSL046B(LED solar Lawn-Wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall mounted 2FSL046B



High Efficiency solar panel



long lifetime LifePO4 battery



Intermatinal brand LED



Auto ON/OFF



For bollard mounted
2FSL046A

Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Water proof: IP65 for outdoor use.



Specifications

| | |
|--------------------|-------------------------|
| Power of the Solar | 4.5W/5V |
| Battery Capability | 3.2V/7000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 500/750mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12 Hours whole night |
| Charge time | 4-5 Hours |



Dimension





2FSL047A/2FSL047B(LED solar Lawn-Wall light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



For Wall mounted 2FSL047B



High Efficiency solar panel



long lifetime LifePO4 battery



Intermatinal brand LED



Auto ON/OFF



For bollard mounted
2FSL047A



Specifications

| | |
|--------------------|-------------------------|
| Power of the Solar | 4.5W/5V |
| Battery Capability | 3.2V/7000mAh |
| Battery Type | LifePO4 Lithium Battery |
| Power of the Light | 3W |
| Total Height | 350/650/850mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12 Hours whole night |
| Charge time | 4-5 Hours |



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy pole powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically power on at day off in night. work mode for whole night.
Water proof: IP65 for outdoor use.

Dimension





2FSL048(10W LED solar wall pack with motion sensor)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



High Efficiency solar panel long lifetime LifePO4 battery International brand LED Auto ON/OFF



Descriptions & Advantages

- Monocrystalline Silicon Solar Panel :** The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
- Controller:** Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** Aluminum alloy housing powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
- Working Modes:** Automatically turn on night and turn off at day. Before 5 hours work 50% power, once touch sensor 100% power, after 6-12hours work 25% power, once touch sensor 50%. people leave back to normal work time.
- Water proof:** IP65 for outdoor use.



Specifications

| | |
|---------------------|------------------------|
| Power of the Solar | 15W/10V |
| Battery Capability | 4.2V/15.4Ah |
| Battery Type | Lithium Battery |
| Power of the Light | 10W |
| Dimension | 365*205*118mm |
| Work Temperature | -20℃~55℃ |
| Work time | 15-20Hours whole night |
| Charge time | 6-8 Hours |
| Installation Height | 3-5Meters |

Dimension





2FSL052(60W LED solar flood light)

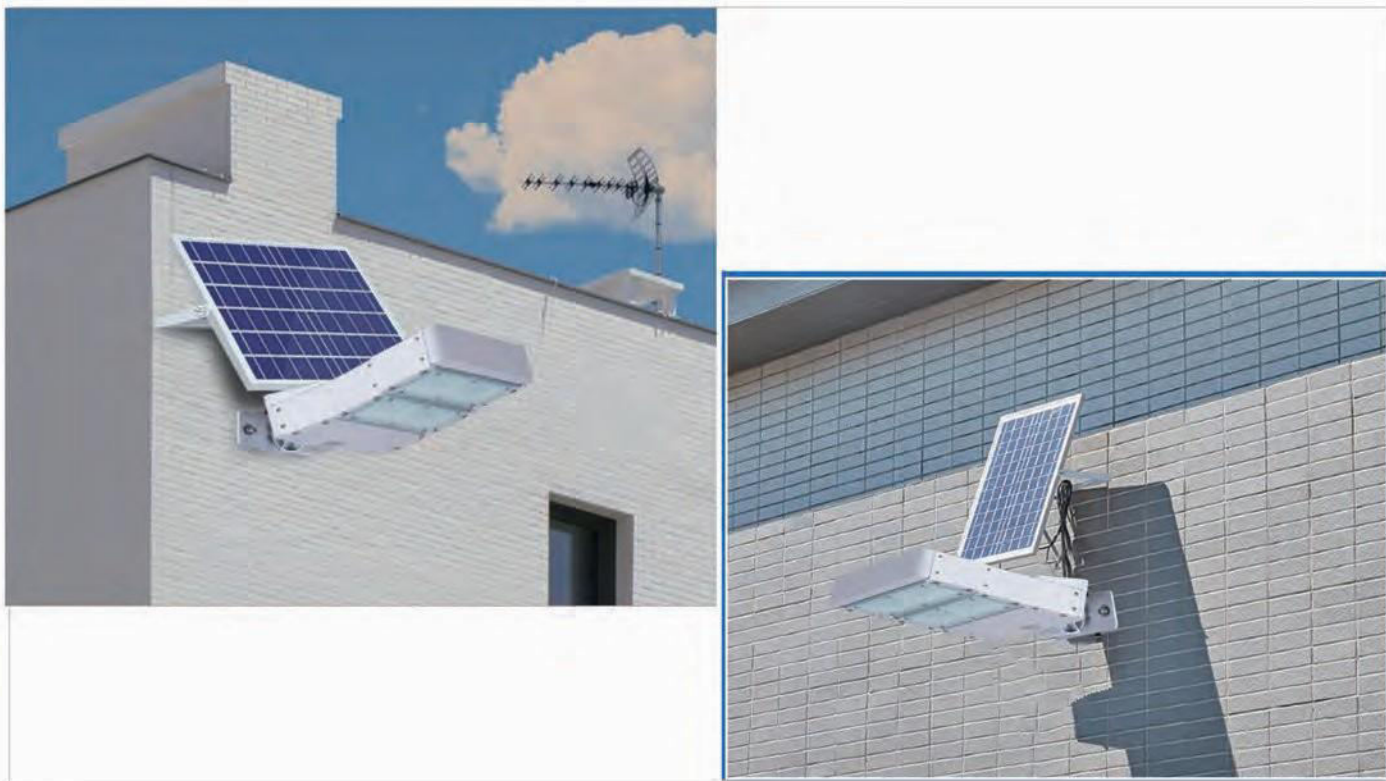
Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages

Monocrystalline Silicon Solar Panel : The lifespan is longer than 15 years.
Light Source: LED (Pure color and Warm color for option)
Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.
Materials: Aluminum alloy housing powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. Adopt PC lampshade material, nanometer anti-glare process.
Working Modes: Automatically turn on night and turn off at day. Before 1-2 hours work 100% power, 3-5hours work 70% power, 6-12hours work 50% power.
Water proof: IP65 for outdoor use.



Specifications

| | |
|---------------------|---|
| Power of the Solar | 80W/18V |
| Battery Capability | 12.6V/26.4Ah |
| Battery Type | Lithium Battery |
| Power of the Light | 60W(30W*2pcs) |
| Dimension | Flood light: 540*285*90mm; Solar panel: 675*670*30mm |
| Work Temperature | -20℃~55℃ |
| Work time | 10-12Hours whole night |
| Charge time | 6-8 Hours |
| Installation Height | 5-7Meters |

Installation Image





2FWT010(solar camear system)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages



No power grid required
solar and battery powered.



Protects privacy
Local storage only.



No wiring needed
Easy installation by anyone No damage to decoration dueto wiring.



Human induction
Instant video while sensor touch



Supported Off-line operations
Be monitored without networking
No risk of hacking



Induction street lamp
LED Human Induction
Street lamp at night



Simple installation
No construction,self installation



Remote monitoring
Mobile phones, Ipad, and computers can be viewed remotely (networking required)



Specifications

Power of the Solar
Battery Capability
Battery type

40W Mono solar panel
12V/35Ah
high quality LifePO4





2FWT011(solar camear system with LED light)

Product Scopes

It has been widely used in villa, Home Communities, Gardens, and etc.



Descriptions & Advantages



No power grid required
solar and battery powered.



Protects privacy
Local storage only.



No wiring needed
Easy installation by anyone No damage to decoration dueto wiring.



Human induction
Instant video while sensor touch



Supported Off-line operations
Be monitored without networking
No risk of hacking



Induction street lamp
LED Human Induction
Street lamp at night



Simple installation
No construction,self installation



Remote monitoring
Mobile phones, lpad, and computers can be viewed remotely (networking required)

Specifications

Power of the Solar
Battery Capability
Battery type
LED light
Lumems

60W Mono solar panel
12V/50AH
high quality LifePO4
30W
3500lm



2FSA011 (20W Solar pole for phone fast charger)

Solar cell phone charging pile

5V Output
High Strength Polymer Solar Backing Plate



Advantages

This product is a solar power supply system designed like sunflower bionics. It integrates solar power generation and energy storage. It can be used in scenic spots, parks, school, villages and other places to supply power for digital products such as electric bicycles and mobile phones.

In addition to safe, reliable, long life, no energy consumption, no pollution, etc., they also have the following characteristics:

- 1. novel and beautiful modeling.
- 2. High power generation efficiency.
- 3. Small occupancy.
- 4. Easy installation.



| Item No. | 2FSA011A |
|---------------------|--|
| Total Solar Power | 20W ± 15% |
| Battery Capacity | 3.6V/ 22.5Ah |
| Battery Type | Li-ion Battery |
| DC Output | DC5V / 3A, QC3.0 2pcs |
| Weight | 10Kg |
| Height | 2.1m |
| Working Temperature | -40°C~55°C |
| Protection level | IP65 |
| Anti-salt spray | Can withstand salt erosion in coastal area |

The Application

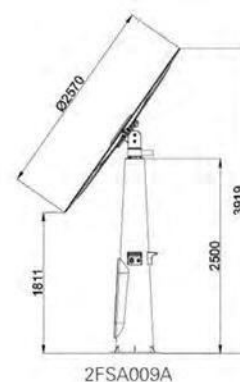




2FSA009 (800W Sunflower solar charge station with tracking system)

Suntracing solar power supply system(single axis)

Solar Tracking
230V / 5V Output
FRP Solar Backing Plate
Intergrated Drive Controller



Advantages

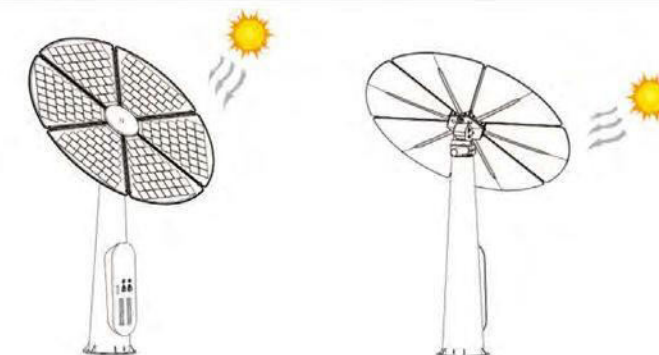
This product is a solar power supply system designed like sunflower bionics. It integrates solar power generation, energy storage, inverter and control. It can be used in scenic spots, parks, school, villages and other places to supply power for digital products such as electric bicycles and mobile phones.

In addition to the traditional distributed solar power station of safe, reliable, long life, no energy consumption, no pollution, etc., they also has the following characteristics:

1. novel and beautiful modeling.
2. High power generation efficiency.
3. Small occupancy.
4. Easy installation.
5. On-grid expansion.



Solar Tracking



| Item No. | 2FSA009 |
|----------------------------|---|
| Total Solar Power | 800W |
| Battery Capacity | 48V/ 100Ah |
| Battery Type | Gel battery |
| Inverter Output | 2000 VA, AC 230V / 50Hz |
| DC Output | DC5V / 3A, QC3.0 2pcs |
| Tracking/Control Type | Vertical single axis |
| Pitch Angle Range | 0° 、 15° 、 25° 、 35° 、 45° 、 55° |
| Tracking Power Consumption | ≤10 Wh/天 Day |
| Weight | 300Kg |
| Height | 3.9m (45° inclination) |
| Diameter | 2.57m (max) |
| Working Temperature | -40℃~55℃ |
| Protection level | IP65 |
| Anti-salt spray | Can withstand salt erosion in coastal areas |

The Application





2FSA010 (2500W Sunflower solar charge station with tracking system)

Suntracing solar power supply system(single axis)

- Solar Tracking
- 230V / 5V Output
- FRP Solar Backing Plate
- Intergrated Drive Controller



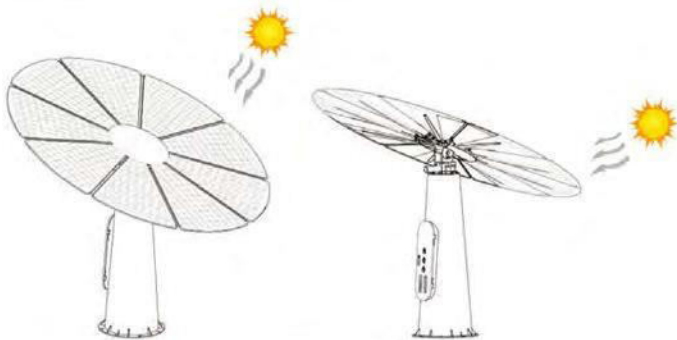
Advantages

This product is a solar power supply system designed like sunflower bionics. It integrates solar power generation, energy storage, inverter and control. It can be used in park, square and scenic spot, etc. Charging for electric car.

- In addition to the traditional distributed solar power station of safe, reliable, long life, no energy consumption, no pollution, etc., they also has the following characteristics:
1. novel and beautiful modeling.
 2. High power generation efficiency.
 3. Small occupancy.
 4. Easy installation.
 5. On-grid expansion.



Solar Tracking



| Item No. | 2FSA010A |
|----------------------------|---|
| Total Solar Power | 2600W |
| Battery Capacity | 48V/ 200Ah |
| Battery Type | Gel battery |
| Inverter Output | 4000 VA, AC 230V / 50Hz |
| Tracking/Control Type | Vertical single axis |
| Pitch Angle Range | 0° 、 15° 、 25° 、 35° 、 45° 、 55° |
| Tracking Power Consumption | ≤10 Wh/天 Day |
| Weight | 800Kg |
| Height | 4.4m (45° inclination) |
| Diameter | 4.32m (max) |
| Working Temperature | -40℃~55℃ |
| Protection level | IP65 |
| Anti-salt spray | Can withstand salt erosion in coastal areas |

The Application





2FSA100(Solar bus station with Glass-Glas solar panel design)

Product Scopes

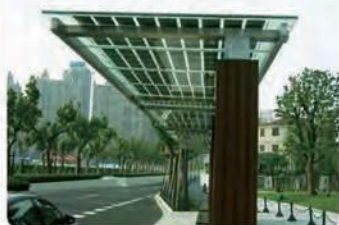
It has been widely used in smart city and countryside road constructions.

Solar bus shelter design 5 (dimension:8000*1700*3020mm)



Descriptions & Advantages

- Glass-Glass thick Solar Panel :** The lifespan is longer than 15 years.
- Light Source:** LED (Pure color and Warm color for option)
Lifetime more than 50,000Hours
- Controller:** Time Control, Anti-overdischarge and Short-circuit Resistance.
- Materials:** aluminum alloy bus frame powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. wooden bench. bus station powered by solar energy, display station name with LED light. advertising screen and camera minitor function is optional.
- Working Modes:** customized by needs.



solar bus shelter with glass-glass solar panels design 1



solar bus shelter with glass-glass solar panels design 2



Specifications

| | |
|-----------------------------|------------------------------|
| Power of the Solar | 600W-1200W (customsized) |
| Battery Capability | 12V/200Ah*4pcs (customsized) |
| Battery Type | Gel Battery |
| Power of the Light | 10W (customsized) |
| advertising power(optional) | 50-80W (customsized) |
| camera monitor(optional) | 10W (customsized) |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |

Dimension

Solar bus shelter design 7 (dimension:6000*1600*2800mm)



Solar bus shelter design-2 (dimension:6000*1700*3000mm)





2FSA101(Solar bus station with Glass solar panel design)

Product Scopes

It has been widely used in smart city and countryside road constructions.

Solar bus shelter design 1(dimension:6000*1500*2750mm)



Descriptions & Advantages

Glass-Glass thick Solar Panel : The lifespan is longer than 15 years.

Light Source: LED (Pure color and Warm color for option)

Lifetime more than 50,000Hours

Controller: Time Control, Anti-overdischarge and Short-circuit Resistance.

Materials: aluminum alloy bus frame powder-coated with electrostatic spray for anti-salted, anti-acid, rust resistant. wooden bench. bus station powered by solar energy, display station name with LED light.

advertising screen and camera minitor function is optional.

Working Modes: customized by needs.



Specifications

| | |
|-----------------------------|------------------------------|
| Power of the Solar | 600W-1200W (customsized) |
| Battery Capability | 12V/200Ah*4pcs (customsized) |
| Battery Type | Gel Battery |
| Power of the Light | 10W (customsized) |
| advertising power(optional) | 50-80W (customsized) |
| camera monitor(optional) | 10W (customsized) |
| Total Height | See Dimension |
| Color Temperature | 3000K/6000K |
| Working Temperature | -20℃~55℃ |
| Charging time | 8 hours |
| Discharging time | 16 hours |

Dimension

Solar bus shelter design 3 (dimension:6000*1600*3200mm)



Solar bus shelter design 5 (dimension: 7000*1500*3050mm)

