

GOVERNMENT ENGINEERING




SOLAR STREET LIGHT







SOLAR STREET LIGHTING

EFFICIENT +
ENERGY SAVING

Solar Lighting Advantages

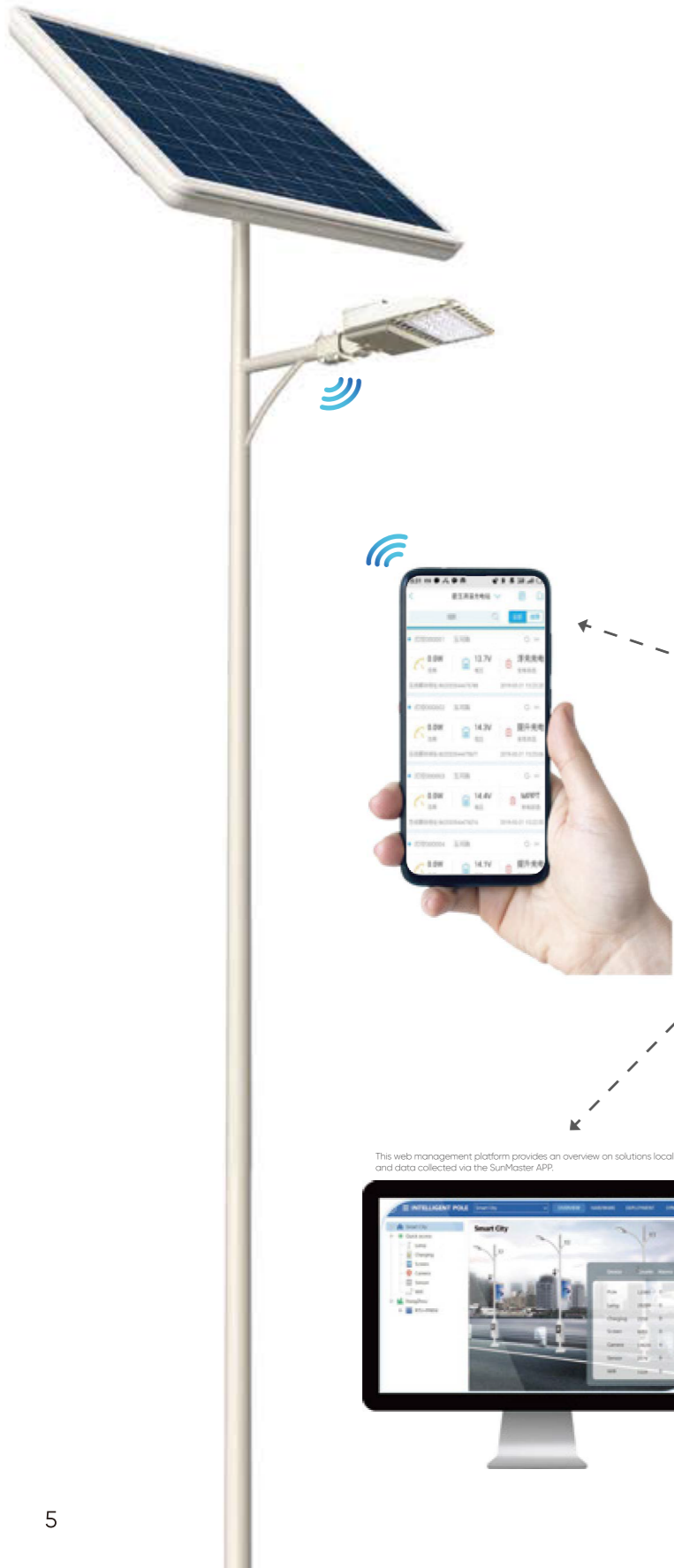
-  Green energy, no running cost.
-  Smart intelligent control, cloud platform operation.
-  Protect the environment, and commit to carbon neutrality.




Intelligent Solar Lighting System

-  Timing dimming output, achieving energy-saving control.
-  PIR sensor control, the light is on when a person inducted and the light is dim when the person left.
-  According to pedestrian flow monitoring, dimming control in different time periods.
-  Intelligent charging control, automatically distributing light output based on residual electricity.

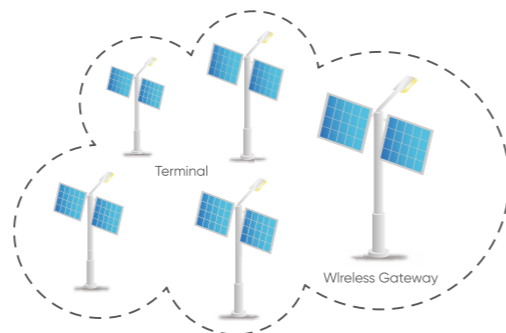


SMART AND FULLY CONNECTED STREET LIGHTS



-  INSTALLATION AND COMMISSIONING SUPPORT
-  LIGHTING PROFILES MANAGEMENT
-  DATA LOG AND MONITORING
-  REGISTRATION AND MAPPING OF INSTALLED DEVICES

ON-SITE CONNECTIVITY WITH BLUETOOTH



This web management platform provides an overview on solutions localization and data collected via the SunMaster APP.

- 1** SOLAR Street lights
Isolated area
- 2** WIFI Hotspot
Commercial areas
- 3** CCTV Cameras
Industrial areas
- 4** Advertising Panels
City

1 MPPT Controller (Maximum Power Point Tracking)

has adopted new MPPT technology to further ensure the maximum amount of charge is delivered to the Lithium Iron batteries, the charge efficiency can be increased by up to 30% whilst the solar panel is exposed to direct sunlight.

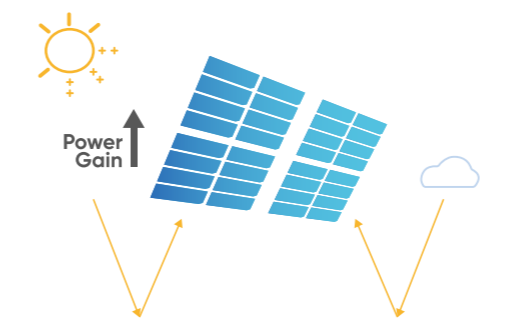


2 Battery Protection

Built tough to withstand the harshest and most extreme environments has to offer, from blistering heat to freezing conditions. What ever the environment is, lithium battery's and smart protection features are up for the challenge; Our lithium battery's are able to work in extreme heat of up to 60 degree celsius & some products can even have an optional thermal heating module added to keep the lights operating in sub freezing conditions as low as -40 degrees. Additionally, Our newly designed battery packs offer multiprotection technology that allows the 'individual' battery's to work normally even in the unlikely event that some battery's become damaged.

3 LED Module

offers a versatile range of LED light heads that have the flexibility to be used across our entire range of solar engines; All light heads incorporate 'plug & play' IP67 cable connections and operate on either 12V D.C, 24V D.C or optional 240V A.C. The light heads feature a robust construction and offers flexible installation options from a 'wrap around pole bracket' or 'spigot installation' to being able to fix directly onto a flat surface.



4 Solar Panel

Renewable energy from the sun combined with efficient panels provides financially smart technology, a clean alternative that improves walkability

Integrated & Intelligent Solar Street Light

All - In - One

our integrated solar LED street light is simple and elegant, easy to install and maintain, and the application range is wide.



5-year warranty



LED solar streetlight

Stand- alone product: no electricity bill, no grid connection. Up to 30% fewer poles compared to other solar street lights.



Connected product

Bluetooth enabled for product registration, remote monitoring, troubleshooting, and lighting profile management.



Versatile and powerful lighting

Lumens output of 1600 to 6400. Complies with street lighting standards. Comply with street lighting standards.



Very long lifetime

Innovative high heat resistance lithium battery advances natural cooling & intelligent lighting management.



Tilttable LED optics

Tilt from 0 and 30° with 10° steps to match local lighting requirements.



All-in-one solution

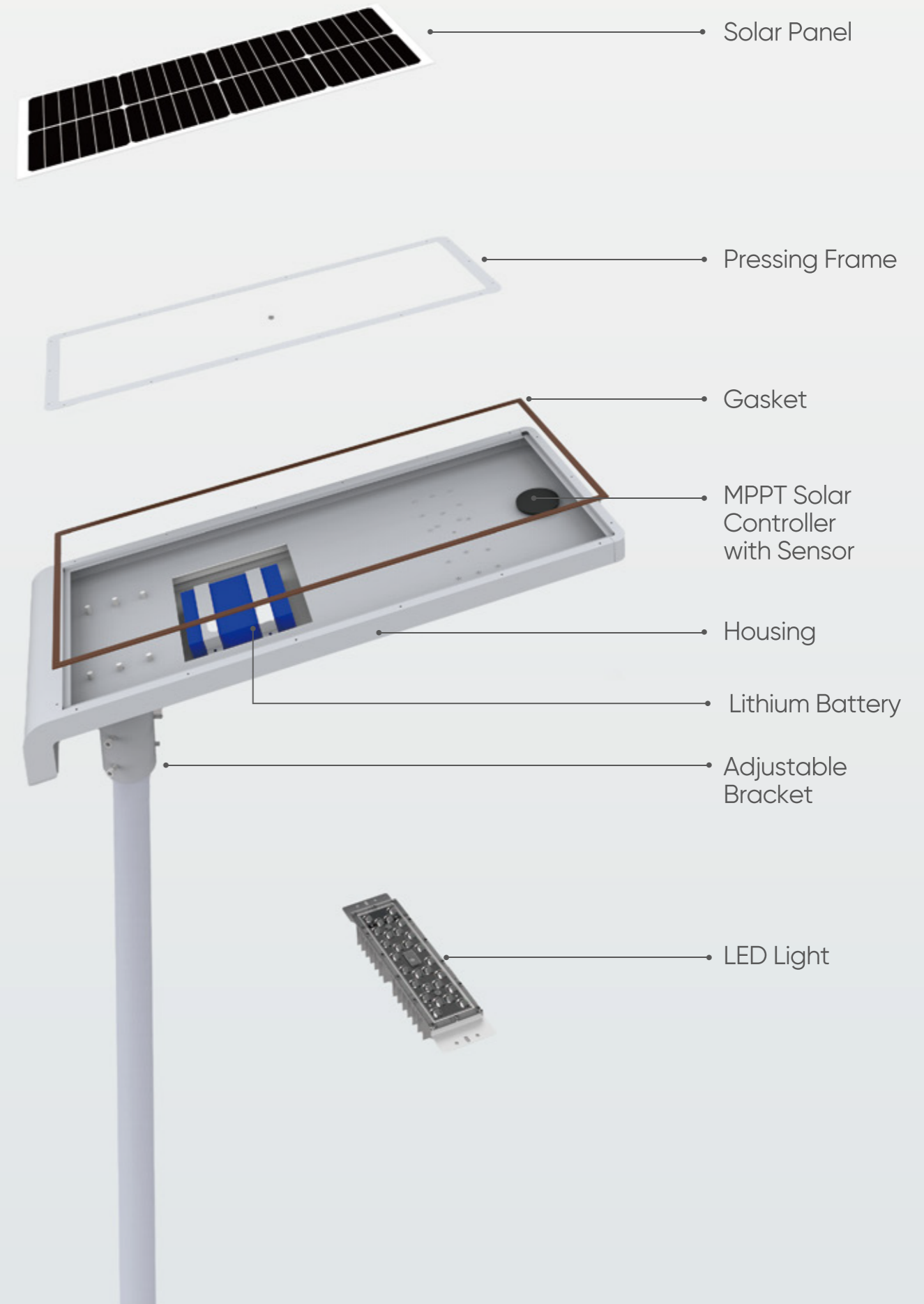
Plug & play for easy installation in a few minutes. Completely autonomous solution, easy to move at a later date (e.g. construction, natural disasters, public events).



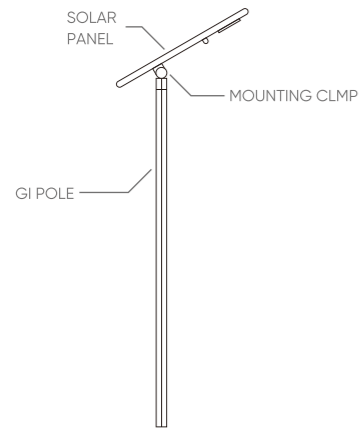
Motion sensor option

Increases light intensity automatically when movement is detected to ensure security and energy conservation.

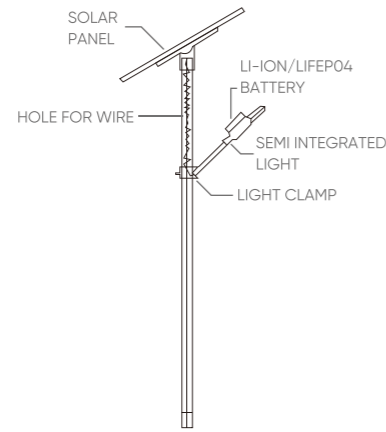
These features are backed by presence and expertise in, solution integration, aftersales service and support to ensure confidence and peace of mind for our customers.



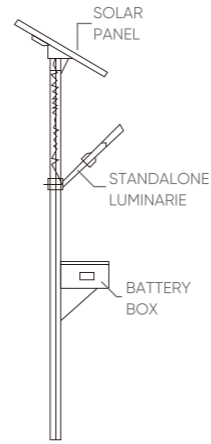
TYPES OF SOLAR STREET LIGHT



ALL IN ONE SOLAR STREET LIGHT



SEMI-INTERGRATED SOLAR STREET LIGHT



STANDALONE SOLAR STREET LIGHT

All in One Solar Street Light is a new age and compact lighting solution integrating Solar panels, LED light, a lithium-based battery, and a PIR motion sensor. This light incorporates proprietary Telecso LED driver technology which combines world-class battery charging technology with high efficient microprocessor-based electronics. All in One Solar Street light uses a PIR motion sensor to adjust the LED light brightness. If no movement is detected for more than one minute, the brightness is reduced to one-third. This intelligent brightness control coupled with maintenance.

Integrated Solar Street light is a solar-powered compact LED lighting solution integrating high power LED & Battery in one aluminum die cast fixture. Solar Panel is mounted on the top of the pole. It is very easy to install & at any location where there is no power supply available and low on maintenance. The LED light of the solar panel is mounted on the luminaire's arm and it can withstand high wind pressure. The direction of the solar panel can be changed as per the site requirement.

Standalone Solar Street light is a combination of Solar Powered LED light with MPPT Driver, Solar Panel, Lithium Battery, Cables for internal wiring and it is mounted on the pole. All components of this street light are separately mounted on the pole.

DIFFERENCE BETWEEN THE THREE SOLAR STREET LIGHTS:

Description	Standalone	Semi-integrated	Integrated
Solar Panel	Separate	Separate	Fixed
LED Fixture	Separate	LED Light & Battery is inbuilt in one Fixture	Fixed in one single Aluminium fixture
Battery Type	Tubular Lead acid/Lithium/GEL/SMF	Lithium Battery only	Lithium Battery only
Electronic Driver	Inbuilt inside the LED Fixture	Inbuilt inside the LED Fixture	Inbuilt inside the LED Fixture
Motion Sensor	Optional	Optional	Fixed with the LED Light
Mounting Structure	Mounting of Solar Panel is separate on the pole	Mounting of Solar Panel is separate on the pole	Mounting of All in one is done on the rotational clamp. It doesn't require separate mounting structure
Battery Box	Separate	Not Required	Not Required
Luminaire	Separate	Separate	Not Required
Product price	Lowest	Moderate	High
Ease of installation	Difficult	Moderate	Easy to handle and install at any location
Maintenance	High	Medium	Low

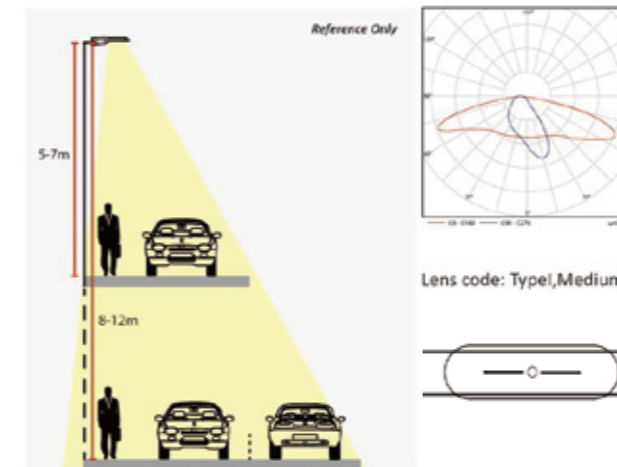
LIGHT DISTRIBUTION TYPES

The term "distribution type" defines how far forward of the luminaire's effective output reaches. The specific classification of distribution types is based on locating the luminaire's effective major output pattern on a grid representing distances in units of Mounting Height (MH) from the luminaire. This pattern is defined by tracing an area representing light distribution at 50% of maximum candela.

SunMaster follows the North American IESNA standard in providing the optional lens from Type I and Type V. SunMaster selects the most suitable lens for its customer according to the detailed parameters project by project.

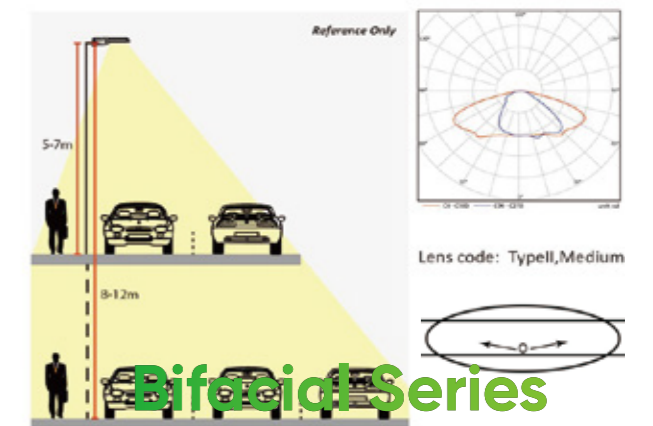
Type I

Application
Narrow Roadways | Walking Paths | Side Walks



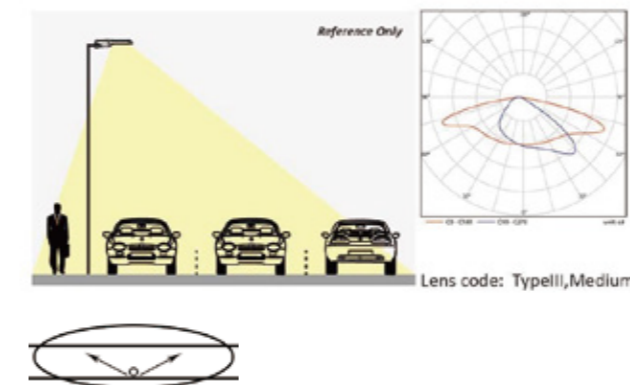
Type II

Application
Wide Walkways | Ramps | Entrance Roadways
Bicycle Path



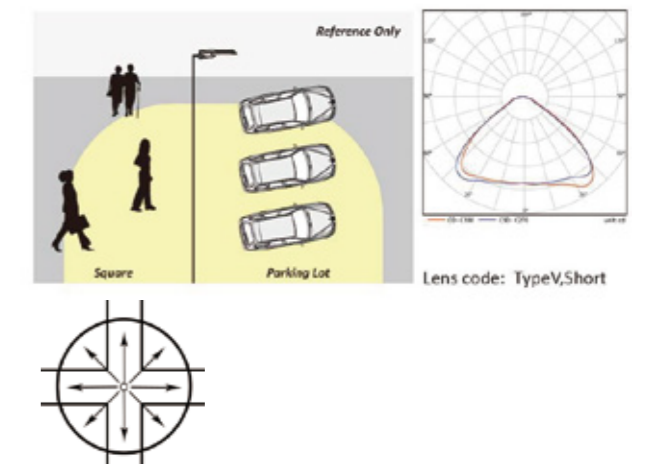
Type III

Application
High Way | Express Way | Roadway
General parking areas

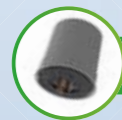


Type V

Application
Center of roadways | center islands of parkways
Intersections



Diamond Series



IOT remote control optional

Hybrid AC/DC powered optional

Technical Specification

Model No.	SMLN-DM40W	SMLN-DM60W	SMLN-DM80W	SMLN-DM100W	SMLN-DM120W
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%				
Solar Panel Rated Power	70W	100W	120W	150W	180W
Motion Sensor	PIR/Microwave sensor(optional or without)				
Visual Angle	Type I/II/III/150°80(optional)				
Light Output	40W	60W	80W	100W	120W
LiFePO4 Lithium Battery	384Wh	576Wh	768Wh	960Wh	1152Wh
Main material	Aluminum				
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt				
Color Temperature	3000-6500K(Optional)				
Charge Controller	MPPT Intelligent Charging, sensor+time programable				
Battery Backup Time	12-14hrs/night with energy saving mode, 3-5days backup				
Operating temperature	-20 °C to +75 °C				
Fitting Color	Grey/Black/White(optional)				
Ingress Protection	IP65				
Operational life	>10years				
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable				
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal				
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001				
Pole Height(suggested)	5-6m	6-7m	7-8m	8-9m	9-10m

Product display



Backside

Multiple modules are available

Classic Series



IOT remote control optional



Hybrid AC/DC powered optional

Technical specification

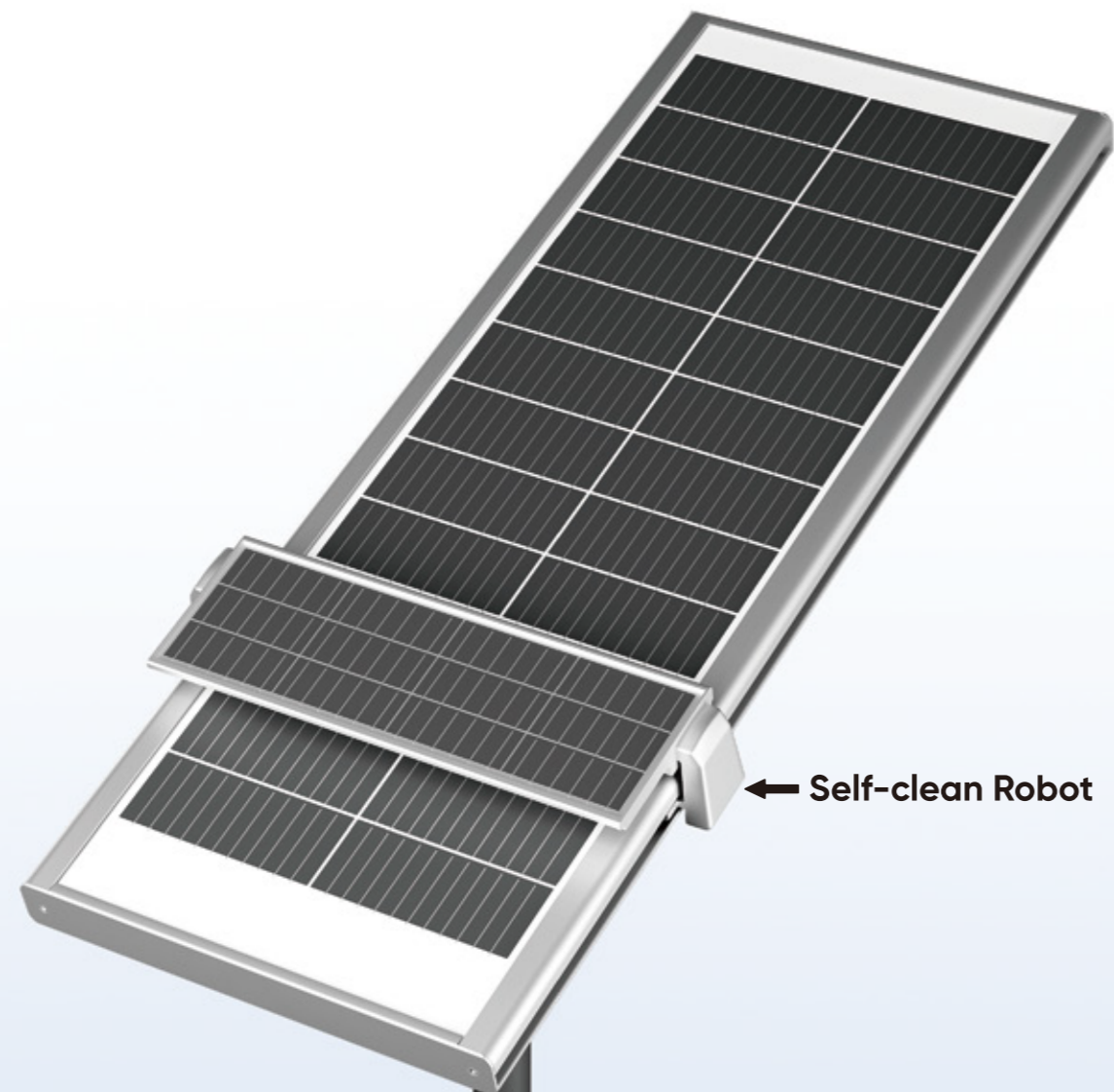
Model No.	SMLN-40W	SMLN-60W	SMLN-80W	SMLN-100W	SMLN-120W	SMLN-150W
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%					
Solar Panel Rated Power	70W	100W	120W	150W	180W	220W
Motion Sensor	PIR/Microwave sensor(optional or without)					
Visual Angle	Type I/II/III/150°80(optional)					
Light Output	40W	60W	80W	100W	120W	150W
LiFePO4 Lithium Battery	384Wh	576Wh	768Wh	960Wh	1152Wh	1536Wh
Main material	Aluminum					
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt					
Color Temperature	3000-6500K(Optional)					
Charge Controller	MPPT Intelligent Charging, sensor+time programmable					
Battery Backup Time	12-14hrs/night with energy saving mode, 3-5days backup					
Operating temperature	-20 °C to +75 °C					
Fitting Color	Grey/Black/White(optional)					
Ingress Protection	IP65					
Operational life	>10years					
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable					
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal					
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001					
Pole Height(suggested)	5-6m	6-7m	7-8m	8-9m	9-10m	10-12m

Camera optional



Alarm function	Yes
Control mode	APP+ Remote control
Pixel	200W
Night vision	Yes (Full color + infrared)
Camera sensor size	1/2.8 inch COMS
Minimum illumination	Color :0.1Lux Black/White :0.01 Lux
Backlight compensation	Yes
Signal-to-noise ratio	48/60
Operating temperature	-10°-50°
Waterproof class	IP66

Self - clean design



IOT remote control optional



Hybrid AC/DC powered optional

Technical specification

Model No.	SMLN-QS40W	SMLN-QS60W	SMLN-QS80W	SMLN-QS100W	SMLN-QS120W
Cleaning Method	by Self-clean Robot, powered by independent solar power system				
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%				
Solar Panel Rated Power	70W	100W	120W	150W	180W
Motion Sensor	PIR/Microwave sensor(optional or without)				
Visual Angle	Type I/II/III/150°80(optional)				
Light Output	40W	60W	80W	100W	120W
LiFePO4 Lithium Battery	384Wh	576Wh	768Wh	960Wh	1152Wh
Main material	Aluminum				
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt				
Color Temperature	3000-6500K(Optional)				
Charge Controller	MPPT Intelligent Charging, sensor+time programable				
Battery Backup Time	12-14hrs/night with energy saving mode, 3-5days backup				
Operating temperature	-20 °C to +75 °C				
Fitting Color	Grey/Black/White(optional)				
Ingress Protection	IP65				
Operational life	>10years				
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable				
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal				
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001				
Pole Height(suggested)	5-6m	6-7m	7-8m	8-9m	9-10m

Detail presentation for Self-clean Robot



Camera optional



Alarm function	Yes
Control mode	APP+ Remote control
Pixel	200W
Night vision	Yes (Full color + infrared)
Camera sensor size	1/2.8 inch COMS
Minimum illumination	Color :0.1Lux Black/White :0.01 Lux
Backlight compensation	Yes
Signal-to-noise ratio	48/60
Operating temperature	-10°-50°
Waterproof class	IP66

Bifacial Series



Hybrid AC/DC powered optional

IOT remote control optional



Technical specification

Model No.	SMLN-BP40W	SMLN-BP60W	SMLN-BP80W	SMLN-DM100W	SMLN-BP120W
Solar Panel	Bifacial Mono N-type(TopCon) Solar Panel, higher efficiency>26%				
Solar Panel Rated Power	70W	100W	120W	150W	180W
Motion Sensor	PIR/Microwave sensor(optional or without)				
Visual Angle	Type I/II/III/150°80(optional)				
Light Output	40W	60W	80W	100W	120W
LiFePO4 Lithium Battery	384Wh	576Wh	768Wh	960Wh	1152Wh
Main material	Aluminum				
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt				
Color Temperature	3000-6500K(Optional)				
Charge Controller	MPPT Intelligent Charging, sensor+time programable				
Battery Backup Time	12-14hrs/night with energy saving mode, 3-5days backup				
Operating temperature	-20 °C to +75 °C				
Fitting Color	Grey/Black/White(optional)				
Ingress Protection	IP65				
Operational life	>10years				
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable				
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal				
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001				
Pole Height(suggested)	5-6m	6-7m	7-8m	8-9m	9-10m

Detail presentation Bifacial Solar panel



Economic Series



Technical specification

Model No.	SMLN-L150WA(B)	SMLN-L200WA(B)	SMLN-L300WA(B)
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>23%		
Solar Panel Rated Power	80W	100W	120W
Motion Sensor	PIR/Microwave sensor(optional or without)		
Visual Angle	Type III/150°80(optional)		
Light Output	150W	200W	300W
LiFePO4 Lithium Battery	45000mAh	65000mAh	85000mAh
Qty of LED module	model A: 3 / model B: 1	model A: 4 / model B: 1	model A: 5 / model B: 2
LED Chip	SMD3030(Philips,Bridgelux optional), efficiency>180lm/watt		
Color Temperature	3000-6500K(Optional)		
Charge Controller	Intelligent Charging, sensor+time programmable		
Battery Backup Time	12-14hrs/night with energy saving mode, 1-2days backup		
Operating temperature	-20 °C to +75 °C		
Fitting Color	Grey/Black/White(optional)		
Ingress Protection	IP65		
Operational life	>8years		
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable		
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal		
Certificate	CE, RoHS, CB, IEC60598, IK10, LM79, LM80, ISO9001, ISO14001		
Pole Height(suggested)	4-5m	6-7m	8-9m

Detail presentation



Highway Super illumination Series

(All in One type)



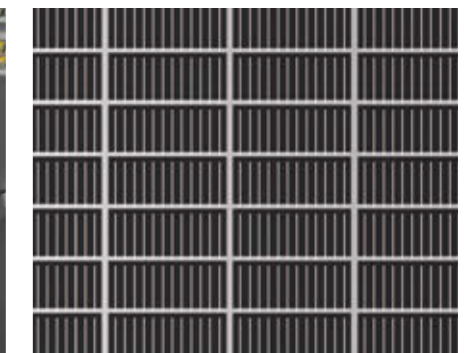
IOT remote control optional

Hybrid AC/DC powered optional

Technical specification

Model No.	SMLN-SH100W	SMLN-SH120W
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%	
Solar Panel Rated Power	300W	360WW
Motion Sensor	without	
Visual Angle	Type III/150°80(optional)	
Light Output	100W	120W
LiFePO4 Lithium Battery	2560Wh	3072Wh
Main material	Aluminum	
LED Chip	SMD5050(Philips,Bridegelux optional), efficiency>230lm/watt	
Color Temperature	3000-6500K(Optional)	
Charge Controller	MPPT Intelligent Charging, sensor+time programable	
Battery Backup Time	12-14hrs/night in full power, 2days backup	
Operating temperature	-20 °C to +75 °C	
Fitting Color	Grey/Black/White(optional)	
Ingress Protection	IP65	
Operational life	>10years	
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable	
Application	Highway	
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001	
Pole Height(suggested)	10-12m	12-15m

Detail presentation



High Mast Solar Flood Light Series



IOT remote control optional

Hybrid AC/DC powered optional

Technical specification

Model No.	SMLN-HF12M	SMLN-HF15M	SMLN-HF20M
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%		
Solar Panel Rated Power	350W*6pcs	450W*6pcs	585W*6pcs
Height of HighMast:	12m	15m	16m
Lifting Method:	Lifting motor(optional)		
Light Output	120W*6pcs	150W*6pcs	200W*6pcs
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt		
LiFePO4 Lithium Battery	1344Wh*6pcs	1728Wh*6pcs	2304Wh*6pcs
Main material	Steel + Aluminum		
Color Temperature	3000-6500K(Optional)		
Charge Controller	MPPT Intelligent Charging, sensor+time programable		
Battery Backup Time	12-14hrs/night with energy saving mode, 2-3days backup		
Operating temperature	-20 °C to +75 °C		
Fitting Color	Grey/Black/White(optional)		
Ingress Protection	IP66		
Operational life	>10years		
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal		
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001		

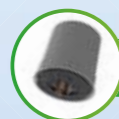
Motorized System



LED Flood Light



Hybrid Wind & Solar Series



IOT remote control optional

Hybrid AC/DC powered optional

Powerful

Hybrid Wind & solar LED Street Light

Hybrid Wind & Solar LED street light is used for streets, pathways and parking lots. Built-in intelligent MPPT solar controller with sensor, the light can work through the whole night by smart power automatically to max working hours in various weather conditions. The light is also Dark Sky Friendly.

Model No.	SMLN-FG40W	SMLN-FG60W	SMLN-FG80W	SMLN-FG100W	SMLN-FG120W
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%				
Wind Turbine	200W	400W	600W	800W	1KW
Solar Panel Rated Power	70W	100W	120W	150W	180W
Motion Sensor	PIR/Microwave sensor(optional or without)				
Visual Angle	Type I/II/III/150°80(optional)				
Light Output	40W	60W	80W	100W	120W
LiFePO4 Lithium Battery	384Wh	576Wh	768Wh	960Wh	1152Wh
Main material	Aluminum				
LED Chip	SMD5050(Philips,Bridegelux optional), efficiency>230lm/watt				
Color Temperature	3000-6500K(Optional)				
Charge Controller	MPPT Intelligent Charging, sensor+time programable				
Battery Backup Time	12-14hrs/night with energy saving mode, 3-5days backup				
Operating temperature	-20 °C to +75 °C				
Fitting Color	Grey/Black/White(optional)				
Ingress Protection	IP65				
Operational life	>10years				
Mounting Bracket	Azimuth: 360° rotation				
Application	Residential Areas, Roads, Parking Lots, Suares, Parks, Municipal				
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001				
Pole Height(suggested)	5-6m	6-7m	7-8m	8-9m	9-10m

UFO Garden Series



Popular Galaxy UFO Solar Light

The Galaxy UFO Solar light, is ideal for application in Garden, Parking lot and Square. Patent design with 360 degree illumination with excellent long life span up to more than 12years. Aluminum die-casting lamp housing make IP66 waterproof and anti-corrosion.

Model No.	SMUF-20W	SMUF-30W
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%	
Solar Panel Rated Power	30W	40W
Motion Sensor	PIR/Microwave sensor(optional or without)	
Visual Angle	140°x70°(Optional)	
Light Output	20W	30W
LiFePO4 Lithium Battery	230Wh	307Wh
Main material	Aluminum	
LED Chip	SMD3030(Philips,Bridgelux optional), efficiency>230lm/watt	
Color Temperature	3000-6500K(Optional)	
Charge Controller	MPPT Charging	
Battery Backup Time	12-14hrs/night with energy saving mode, 2-3days backup	
Operating temperature	-20 °C to +75 °C	
Fitting Color	Grey/Black/White(optional)	
Ingress Protection	IP65	
Operational life	> 10 years	
Mounting Bracket	Azimuth: 360° rotation	
Application	Residential Areas, Roads, Parking Lots, Squares, Parks, Municipal	
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001	



IOT remote control optional

Hybrid AC/DC powered optional

All in Two Series



IOT remote control optional

Hybrid AC/DC powered optional

Technical specification

Model No.	SLD50-30W	SLD50-50W	SLD50-60W	SLD50-80W	SLD50-100W	SLD50-120W	SLD50-150W
Solar Panel	Mono N-type(TopCon) solar cell, high efficiency>25%						
Solar Panel Rated Power	90W	150W	180W	240W	300W	360W	450W
Motion Sensor	default without, but optional with motion sensor if request						
Visual Angle	Type I/II/III/150°80(optional)						
Light Output	30W	50W	60W	80W	100W	120W	150W
LiFePO4 Lithium Battery	576Wh	960Wh	1152Wh	1536Wh	1920Wh	2034Wh	2880Wh
Main material	Steel+Aluminum						
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt						
Color Temperature	3000-6500K(Optional)						
Charge Controller	MPPT Intelligent Charging, sensor+time programmable						
Battery Backup Time	12-14hrs/night, 3-5days backup						
Operating temperature	-20 °C to +75 °C						
Fitting Color	Grey/Black/White(optional)						
Ingress Protection	IP65						
Operational life	>10years						
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable						
Application	Residential Areas, Roads, Parking Lots, Sures, Parks, Municipal						
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001						
Pole height	4-5m	5-6m	6-7m	7-8m	8-10m	9-11m	10-12m

Optional content

Color selection



○ white



● black

Lamp selection



SLD42



SLD48

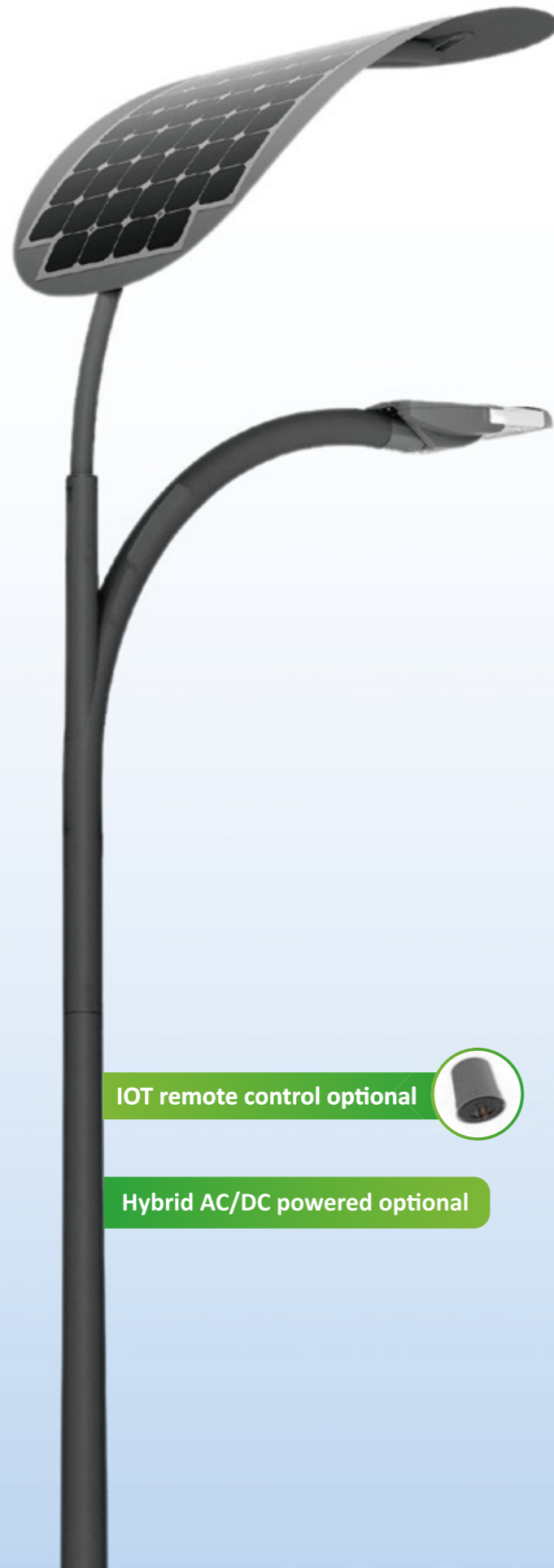


SLD50



SLD44

Smart-leaf Solar Series



IOT remote control optional



Hybrid AC/DC powered optional

Elegant

SMART LEAF All In Two Solar Light

The Smart-leaf Solar street light is used for streets, pathways and parking lots. Built-in intelligent MPPT solar controller with sensor, the light can work through the whole night by smart power automatically to max working hours in various weather conditions. The light is also Dark Sky Friendly.

Model No.	SSLS-30W	SSLS-40W	SSLS-50W	SSLS-60W	SSLS-80W
Solar Panel	FLEXIBLE Mono N-type(TopCon) solar cell high efficiency>25%				
Solar Panel Rated Power	80W	100W	140W	160W	200W
Motion Sensor	Microwave sensor(optional or without)				
Visual Angle	Type I/II/III/150°80(optional)				
Light Output	30W	40W	50W	60W	80W
LiFePO4 Lithium Battery	576Wh	768Wh	960Wh	1152Wh	1536Wh
Main material	Aluminum				
LED Chip	SMD5050(Philips,Bridgelux optional), efficiency>230lm/watt				
Color Temperature	3000-6500K(Optional)				
Charge Controller	MPPT Intelligent Charging, sensor+time programable				
Battery Backup Time	12-14hrs/night with energy saving mode, 3-5days backup				
Operating temperature	-20 °C to +75 °C				
Fitting Color	Supports customization in various colors				
Ingress Protection	IP65				
Operational life	> 10 years				
Mounting Bracket	Azimuth: 360° rotation; Inclination angle: 0-90° adjustable				
Application	Residential Areas, Roads, Parking Lots, Sures, Parks, Municipal				
Certificate	CE, RoHS, CB, IEC60598, IEC61215, IEC61730, IK10, LM79, LM80, ISO9001, ISO14001				
Pole Height(suggested)	4-5m	5-6m	6-7m	6-7m	7-8m



Smart City Series



Introduction and software platform

The one-stop solution for smart public facilities is based on the needs of building smart city infrastructure and centered on meeting customer needs, providing customers with one-stop central control software platform construction, intelligent hardware production, data information collection, equipment installation, equipment Operation and maintenance of five services.

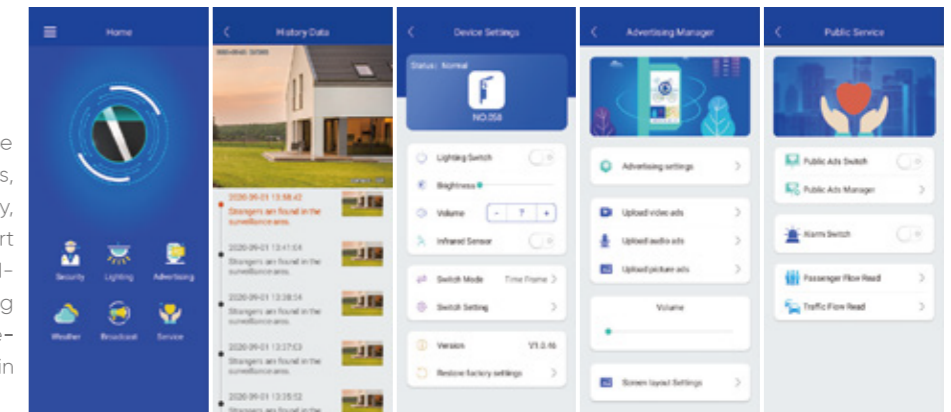
The solution is highly flexible, and different intelligent hardware products can be selected according to different application scenarios to quickly complete the ecological construction of intelligent public facilities in scenarios. The smart public facility platform has integrated different smart hardware products such as smart street lights, smart access control, smart manhole covers, smart navigation screens, smart bus stops, smart seats, smart charging piles, and smart seats, with functions covering lighting, security, transportation, convenience services, advertising and other fields.

Based on the needs of smart city development, in order to facilitate the digital and visual management of urban public facilities, we have launched a self-developed and designed smart public facilities software management platform.



Mobile phone APP

It is mainly used for mobile remote management of smart public facilities, with functions such as smart security, smart lighting, smart advertising, smart environmental protection, voice broadcasting and public services, covering most of the data and visual management requirements of public facilities in smart cities.



PC terminal platform

It is mainly used for the large-screen comprehensive management of the smart city control center, and completes the visual management of urban public facilities through 3D smart city maps. It also has functions such as smart security, smart lighting, smart advertising, smart environmental protection, voice broadcasting, and public services.





1



LISTENING TO YOUR NEEDS

Qualification Quote Compliance with tenders

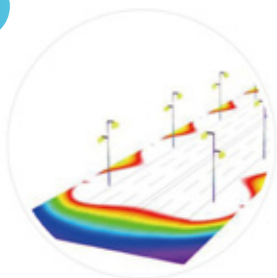
2



SOLAR RADIATION ANALYSIS

Calculation of potential solar energy output based on location and environment. Calculation of the probability of power failure and the efficiency of the lighting system.

3



LIGHTING DESIGN

standards Level of illumination and uniformity
standards Level of illumination and uniformity
Selection of the lighting profile

4



RECOMMENDATIONS AND OFFERS

Project Design Budget Optimization
Remote or On-Site Project Monitoring

Follow the Leader

is a leader in solar light, perfecting LED solar solutions for exterior use. We've proven the efficacy and efficiency of these technologies in countless military and civilian installations, saving thousands on energy cost. In fact, we have more LED luminaires tested by TUV lab than most of the other competitors in China. Our lighting solutions offer immediate economic benefits, sustainable designs and exceed legacy lighting performance and aesthetics. And we go the distance when it comes to walking the talk.

We're Here to Help.

From lighting design to warranty, SunMaster light is rooted and grounded in serving our customers needs. We understand that there is no perfect lighting solution, no one size fits all, especially for unique applications like the military. We are your turnkey solution for ballasts, fixtures and controls that span the full spectrum of lighting technologies. Our agents and partners can also provide a comprehensive audit and upgrade program to help customers choose the best lighting systems and controls, including measurable energy cost reduction.

provides lighting for perimeters, parking lots, public spaces, streets, residential areas, sports arenas and other areas where lighting security is critical. Our lighting solutions meet and exceed the lighting requirements associated with the operation of middle base in Middle East and around the world. Bottom line? We know LED solar applications and we're with you every step of the way, meeting stringent regulations and saving dollars.