

Due to the limitation of printing technology, the color and material of all pictures of all products in this book may be slightly different from the real the road products. The specific products shall be subject to the real products.



- SOARVOLT SERIES
- SOLAR LIGHT SERIES
- INTELLIGENT LIGHTING SERIES
- MEDIUM AND HIGH POLE LIGHTING SERIES
- SMART SOLAR TREE SERIES
- ZEROPOINT SERIES
- TRAFFIC POLE SERIES

LIGHTING

Yangzhou Vivid Energy Technology Co., Ltd

Catalog

Tel: +8618118278998

Email: owen.wang@ncrope.com

Add: 60 Meters East Of The Intersection Of Fuling Road And East Outer Ring Road, Lingtang Hui Township, Yangzhou, Jiangsu, China



AMARA

Product Description:

Amara is not just a street lamp, it is a commitment to the future. Utilizing innovative soft-film solar technology, it draws energy from the sun like absorbing the essence of heaven and earth, transforming sunlight into an endless power source, lighting the path forward like a torch.

The birth of it stems from a deep understanding of sustainable development. We believe that true light should coexist harmoniously with nature. Every beam of light from it carries our vision for a greener future.

Shingling Technology

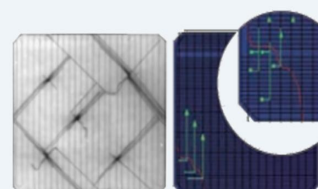
- High-Efficiency Heterojunction Monocrystalline Cells.
- 6~10 Parallel Circuit Design.
- Super-Wire Flexible Wiring Technology.

Conventional PV Ribbon Connection



Black failure area, no power output

Super wire Flexible Interconnection



Almost No failure

Specification Information

Parameter/ Item	AMARA	
Pole Structure	Material	Aluminum
	Dimensions	Customizable
	Shape	Circle
	Coating	FFC/PET/FFC
Lighting Performance	Material	Aluminum+Lens+PC Diffuser
	Power(W)	120W/141W/161W/201W
	CCT(K)	4000K
	Efficiency (Lm/W)	180lm/w
	CRI (Ra)	70
Battery Technology	Integral Luminous Flux	11000lm
	Material	Lithium-Ion
	Capacity	17.7V/35.4V
	Operating Temperature	-40°C~85°C

Types



Renderings



RAMO



Product Description:

Clean · Bright · Limitless

High-Efficiency Lighting | All-Day Operation: High-luminance low-consumption LED light source Intelligent light-sensing adjustment.

Minimalist Design | Clean Energy: Low maintenance cost, Zero carbon emissions.

Customizable Freedom | Boundaryless Technology:

On-demand combinations: pole height, battery capacity, solar panel angle; Remote control, energy monitoring, multi-light synchronization.

Specification Information

Parameter/ Item	AIO Solar Street light	
Pole Structure	Material	Aluminum
	Dimensions	5m
	Shape	Circle
	Coating	Powder Coating
Lighting Performance	Material	Aluminum+Lens+PC Diffuser
	Power(W)	180W
	CCT(K)	4000K
	Efficiency (Lm/W)	180lm/w
	CRI (Ra)	70
Battery Technology	Integral Luminous Flux	11000lm
	Material	Lithium-Ion
	Capacity	12.8V60Ah
	Operating Temperature	Charge -10 ~ 60°C Discharge -20 ~ 60°C

Specification Information

Parameter/ Item	Classic Solar Street light	Flood light	Solar Street light	
Pole Structure	Material	Aluminum	Aluminum	Aluminum
	Dimensions	6m	6m	6m
	Shape	Circle	Circle	Circle
	Coating	Powder Coating	Powder Coating	Powder Coating
Lighting Performance	Material	Aluminum+Lens+PC Diffuser	Aluminum+Lens+PC Diffuser	Aluminum+Lens+PC Diffuser
	Power(W)	60W	260W	60W/120W
	CCT(K)	4000K	4000K	4000K
	Efficiency (Lm/W)	180lm/w	180lm/w	180lm/w
	CRI (Ra)	70	70	70
Battery Technology	Integral Luminous Flux	11000lm	18000lm+18000lm	11000lm/22000lm
	Material	Lithium-Ion	Lithium-Ion	Lithium-Ion
	Capacity	12.8V60Ah	260W36V	260W36V
	Operating Temperature	Charge -10 ~ 60°C Discharge -20 ~ 60°C	Charge -10 ~ 60°C Discharge -20 ~ 60°C	Charge -10 ~ 60°C Discharge -20 ~ 60°C

Types



Renderings



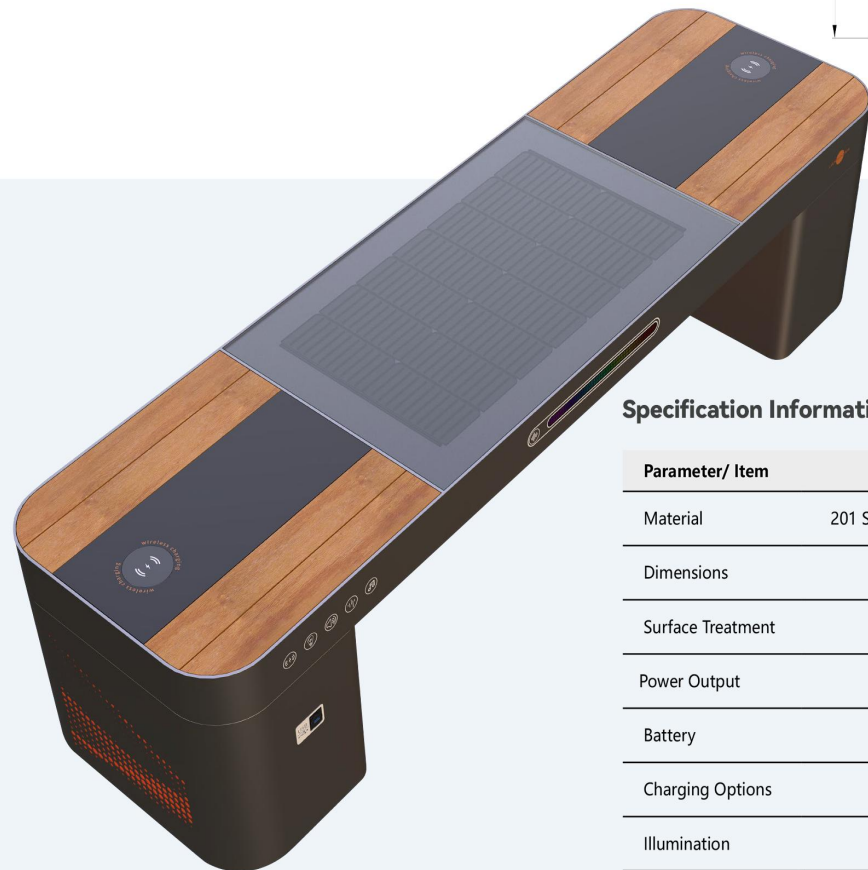
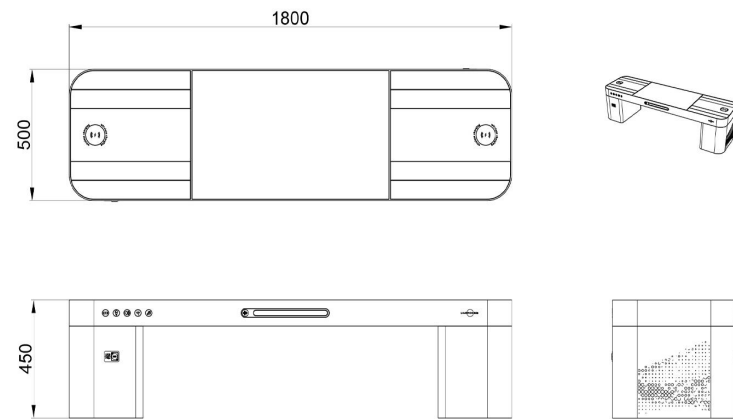
Solar Chair

Product Description

★ The Solar Chair Series represents a blend of modern design and advanced photovoltaic technology. Designed for both urban and rural settings, these solar-powered benches offer functionality and sustainability, integrating seamlessly into parks, pathways, and public areas. The series enhances public spaces by providing clean energy solutions while offering a comfortable resting spot.

Dimensions

SC-1800mm



Specification Information

Parameter/ Item	SC-1800mm
Material	201 Stainless Steel, Galvanized Steel Sheet, Corrosion-resistant Wood, Double Layer Tempered
Dimensions	1800*500*450
Surface Treatment	Plastic Spray, Paint
Power Output	10V, 49W
Battery	12V 20Ah
Charging Options	USB, Wireless
Illumination	Available (Light Emitting)

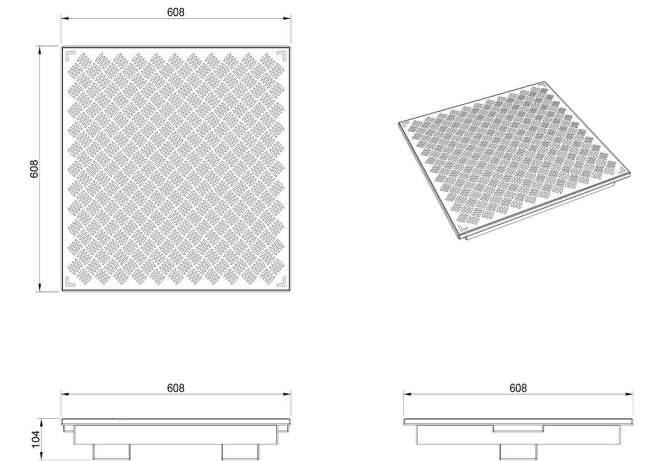
Solar Pavement Tile

Product Description

★ The Solar Pavement Tile series represents a cutting-edge innovation in sustainable energy solutions for urban and landscape design. These photovoltaic tiles are designed to harness solar energy while providing a robust and aesthetically pleasing surface for various applications, such as public plazas, walkways, and garden paths. The tiles offer a dual functionality of power generation and nighttime illumination, enhancing both the functionality and beauty of outdoor spaces.

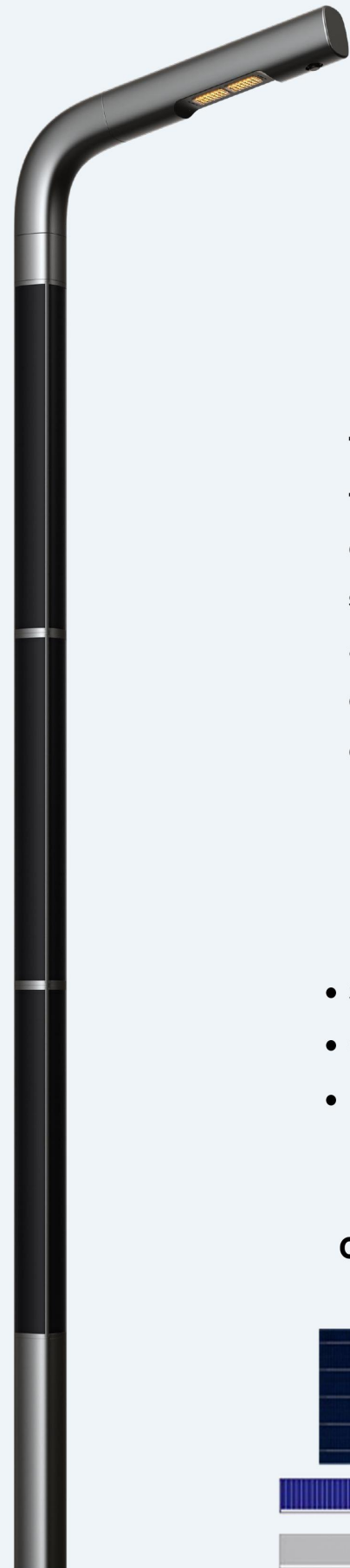
Dimensions

SPT-608*608



Specification Information

Parameter/ Item	SPT-608*608	SPT-605*1205
Material	201 Stainless Steel, Double Layer Tempered Glass	
Dimensions	608*608*104mm	1205*605*104mm
Surface Treatment	Plastic Spray, Paint	
Solar Efficiency	High Efficiency	
Power Output	12V, 54W	24V, 98W
Illumination	Available (Light Emitting)	



SoarVolt Series

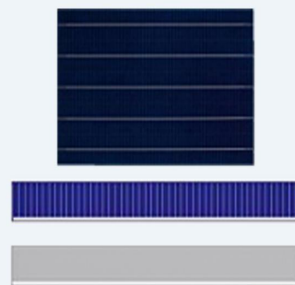
Product Description:

The SoarVolt Series represents an innovative breakthrough in flexible photovoltaic technology. Designed to adapt to diverse environments, this series combines aesthetics and functionality, seamlessly integrating into both urban landscapes and remote areas. The SoarVolt Series not only enhances the functional capabilities of spaces but also actively supports sustainable energy goals.

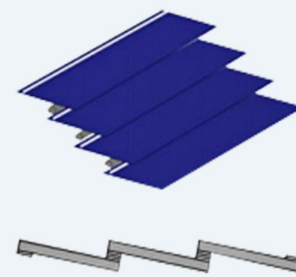
Shingling Technology

- Slicing solar cells into small pieces by laser cutting;
- Overlapping and stringing sliced cells by automatic machines;
- Laminating to modules.

Cell Slicing



Stringing



Lamination



Specification Information

Parameter/ Item	SSL-S-SOR-Type1-10m	SSL-S-SOR-Type1-8.4m
Pole Structure	Material	6063 Aluminium Profile
	Dimensions	Φ 220mm*4mm*10000mm
	Shape	Squircle
	Coating	Hot-dip galvanized/electrostatic spray (color customizable)
Lighting Performance	Material	Aluminum Alloy
	Power(W)	120W
	CCT(K)	5000K
	Efficiency (Lm/W)	150LM/W
	CRI (Ra)	Ra ≥ 70
Battery Technology	Integral Luminous Flux	18000LM
	Material	Lithium-Ion
	Capacity	12V/120Ah
Operating Temperature	-20° C to 75° C	12v90Ah

Types



Renderings





SoarVolt Series

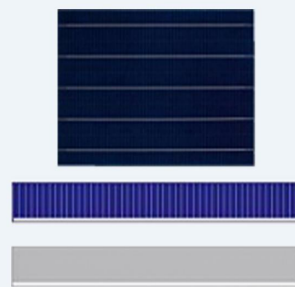
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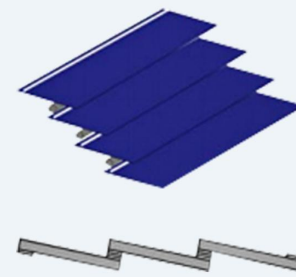
Shingling Technology

- Slicing solar cells into small pieces by laser cutting;
- Overlapping and stringing sliced cells by automatic machines;
- Laminating to modules.

Cell Slicing



Stringing



Lamination



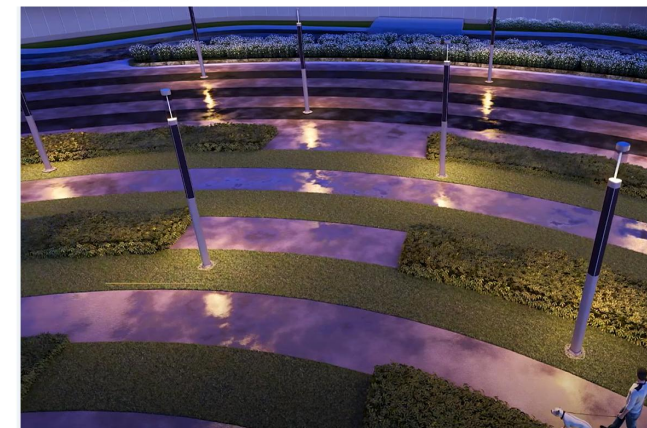
Specification Information

Parameter/ Item	SSL-GL-SOR-Type5-5m	SSL-GL-SOR-Type5-3.5m	
Pole Structure	Material	6063 Aluminium Profile	
	Dimensions	Φ 220mm*4mm*5000mm	Φ 130mm*4mm*3500mm
	Shape	Squire	
	Coating	Hot-dip galvanized/electrostatic spray (color customizable)	
Lighting Performance	Material	Aluminum Alloy	
	Power(W)	40W	20W
	CCT(K)	5000K	
	Efficiency (Lm/W)	150LM/W	
	CRI (Ra)	Ra ≥ 70	
Battery Technology	Integral Luminous Flux	6000LM	3000LM
	Material	Lithium-Ion	
	Capacity	12v60Ah	12v20Ah
Operating Temperature	-20° C to 75° C		

Types



Renderings



Cylindrical Solar Panel

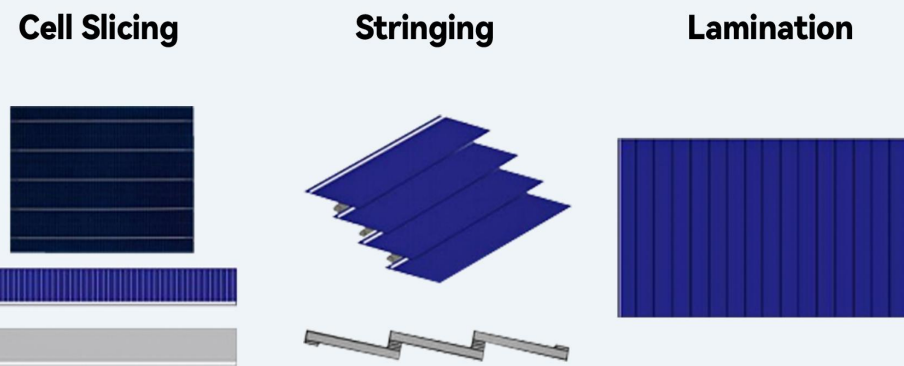
Shingling Technology

Inner pole welded groudng clip

- Slicing solar cells into small pieces by laser cutting;
- Overlapping and stringing sliced cells by automatic machines;
- Laminating to modules.



Electrical access door



Shingling

- No welding ribbon, increase the generating surface
- Enlarge the conduct surface, minimize the risk of micro-crack
- Highly customized, flexible, apply to many scenarios

Traditional

- Welding ribbon, decrease the generating surface, metal reflection
- Welding ribbon, decrease the generating surface, metal reflection
- Rigid frame, no flexibility, low customizable

Lightweight Flexible Panel

Ultra Light:

Glass-free, optimized frame, 70% lighter than glass module

Glass-Free:

Glass-free, PID-free. Safer in transportation and installation

Exquisite Appearance:

Ribbon-free, All black, No veiling glare



High Reliability:

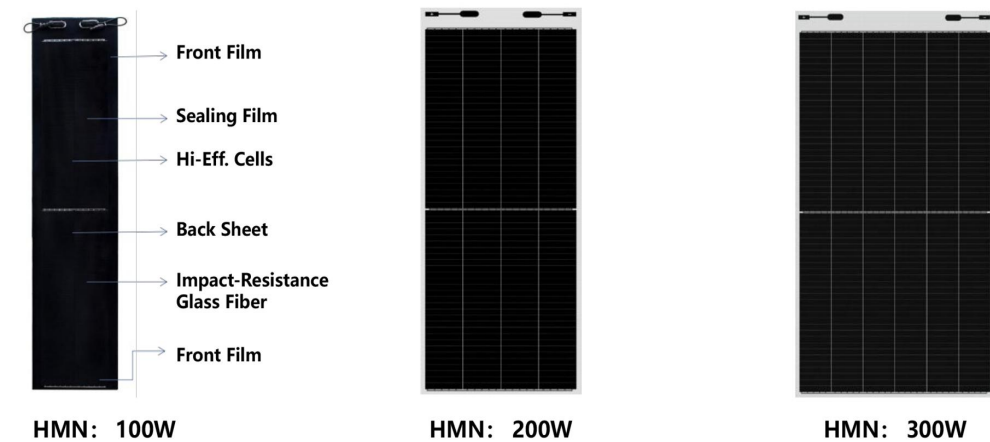
Shingling technology, Hi-efficiency, Advanced sealing tech., UV and Water-resistance,

Transportation:

Lightweight and Ultra thin design, save logistic cost

Easy Installation:

Bracket free, Fast installation with foam rubber tape, Applied to different scenarios



Comparison				
Pole Structure	Glass Module		Flexible Module	
Surface	Glass	★★★	Transparent Film	★★★
Sealing Film	Regular Film	★★★	Special Film	★★★
Thickness	35~40mm	★	≤ 4 mm	★★★★
Weight	Heavy	★	70% lighter	★★★★
Flexibility	No	★	Flexible	★★★★
Appearance	Normal	★★★	Ribbon free, Veiling glare free	★★★★
Transportation	High Logistic Cost	★★★	Lighter, save >30% cost	★★★★
Installation	High Installation Cost	★★★	Save >50% cost	★★★★★

TRADITIONAL SOLAR LAMP

Product description

- ★ Light source height: 5-8M
- ★ Applicable light source: high-power LED
- ★ Solar panel: high conversion rate monocrystalline silicon or polysilicon solar cell modules
- ★ Battery: fully sealed maintenance-free lead-acid paste battery
- ★ Control system: microcomputer intelligent control
- ★ Lighting time: 8-10 hours
- ★ Applicable area: The annual sunshine time is greater than 2200 hours
- ★ Ambient temperature: -20°C~60°C
- ★ Light pole material: high quality steel, surface after hot dip galvanized spray treatment



TRADITIONAL STREET LAMP SERIES

Product description

- ★ Modular design: each module is an independent cooling body to ensure the lamp life of more than 50,000 hours;
- ★ High performance parameters: imported efficient chip patent package, 60% energy saving than traditional street lights;
- ★ Patent light distribution design: uniform road illumination without spot phenomenon;
- ★ High color rendering: restore the original color of the object, beautify the urban environment;
- ★ Environmental health: LED no mercury, no UV, no bat, more conducive to environmental protection and human eye health;
- ★ General place: urban expressway/trunk road, secondary trunk road, branch road, factory, school, park, various residential areas, courtyards and other road lighting.



INTEGRATED SOLAR LAMP



Applicable place:
Urban main road, secondary road, commercial square, industrial zone, large and medium-sized amusement park. Highways and other outdoor roads, stations, wharves and other places lighting.



Light Distribution

According to the different needs of the application site, different light distribution lenses are selected to meet various environmental needs. Common light distribution is TYPE1-large bar spacing light distribution.



Installation diameter

Two pipe sizes are available from 76MM-60MM



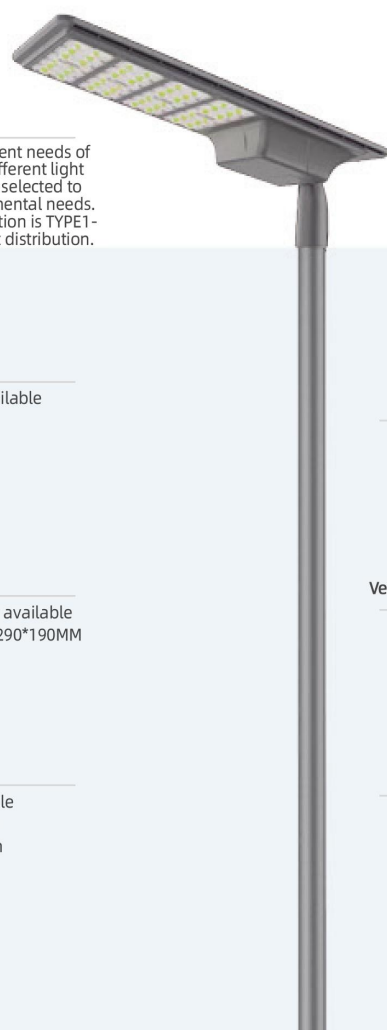
Dimension

Two different sizes are available 660*290*190MM/760*290*190MM



Lamp Body color

Two colors are available
- light gray sand grain
- deep gray sand grain



The transverse Angle is adjustable

Mounted on the top of the rod as the top of the rod lighting, adjustable and locked in the 8° range, the precise Angle ratio: from -8° to +8°(rod with curved bracket).



Vertical installation Angle is adjustable

The side is mounted on the top of the rod as the top lighting, and can be adjusted and locked at 8°, with a precise Angle ratio: from -8° to +8°(straight rod).



High efficiency solar cells





Solar Integrated Lamp

Product description

- ★ The lamp body adopts aluminum alloy lamp body, the whole forming process, modular design can be selected according to customer requirements, to meet the requirements of various occasions, more conducive to LED heat dissipation, improve the life of the lamp.
- ★ The power supply adopts portable design to facilitate the construction and maintenance of lamps and lanterns.
- ★ IP66 double cavity design, the surface of the sand blasting treatment, increase the dissipation area, improve the heat dissipation capacity.

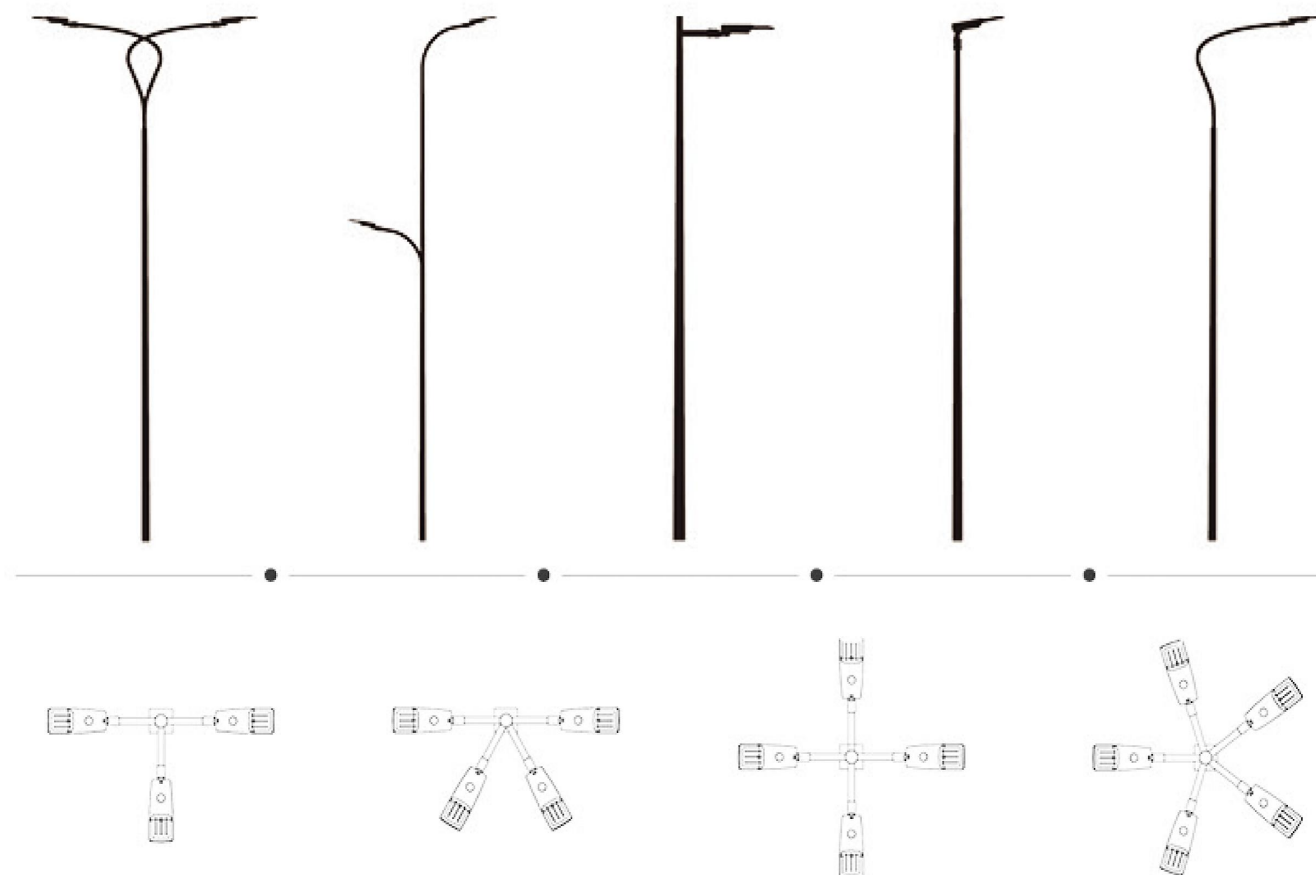
Color



Renderings



Types



INTELLIGENT LIGHTING

Applicable place:
Landscape Avenue, Urban Main Road,
secondary Main Road, etc



Lighting
artificial intelligence adaptive
color temperature adjustment



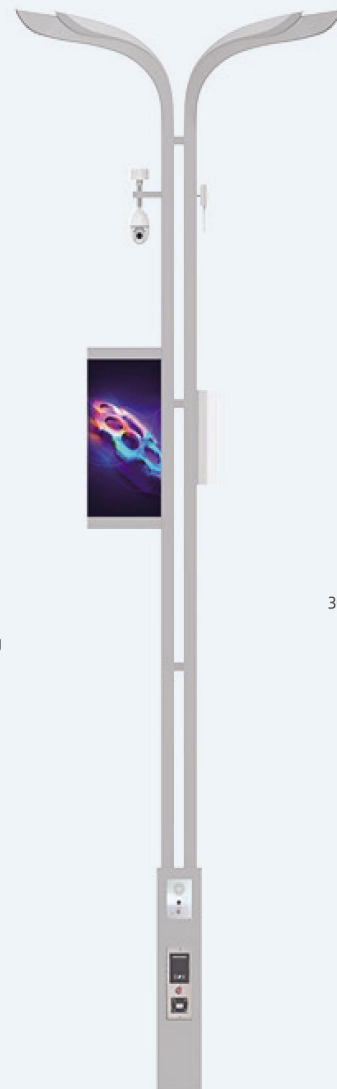
WIFI
public wireless services,
mobile signal tracking,
information push



Information
publish and receive information
(such as broadcast meteorological
environment) or used for advertising
operation, once appear, for urgent
matter, or Li Bujian life rest, the
different periods of advertising
content, different areas on the
advertising and increase the
advertising effect



Charging
pole inside, international
interface, support platform
statistics management, support
the APF pay charge and remote
management, Operation level:
Monthly settlement:



Environmental monitoring

noise
air quality
temperature and humidity



Security ring

360 No dead Angle monitoring
traffic violations monitoring
traffic flow monitoring
human body temperature anomaly
monitoring



Broadcasting

30 w waterproof music column built-in
background music,
emergency broadcast,
microphone polling and timing, and
the control room dialogue;



Help

emergency help
emergency alarm
security linkage





Product Description

- ★ Steel lamp body, strong structure, good shock resistance, hot dip zinc anti-corrosion process, surface spray outdoor professional plastic powder, to ensure that the lamp can work in severe outdoor environment;
- ★ Patent cooling technology effective control of the LED light source working temperature, further improve photosynthetic efficiency to extend the service life,
- ★ High strength and high light transmittance PC lampshade, high temperature resistance, aging resistance, yellowing resistance;
- ★ Main light source adopts international brand multi-chip package LED, high power, high quality, high light efficiency, high color, no radiation pollution, long service life.

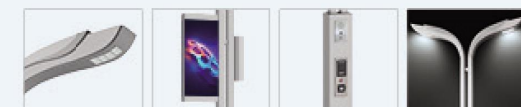
Color configuration



Main pole selection



Product details



Function



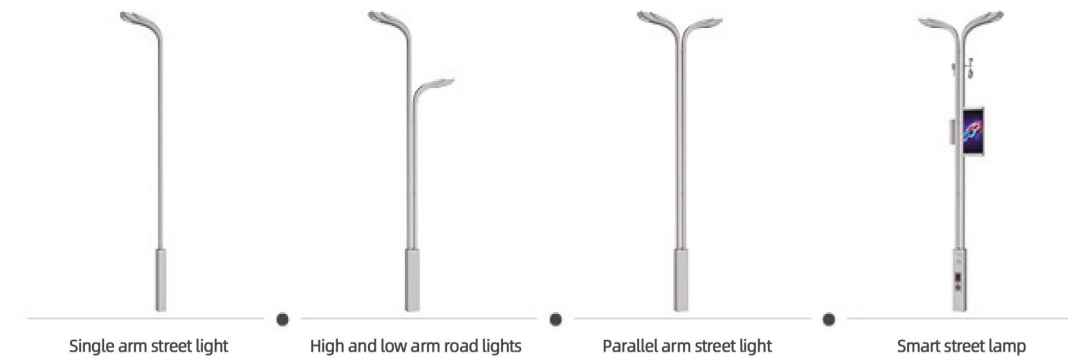
Specification Information

Product model	LP-SHDL-A	LP-SHDL-B	LP-SHDL-C
Product description	Single arm street lamp	Parallel arm street light	High and low arm road lights
Auxiliary light source	Auxiliary light source of lift arm and base can be selected according to actual requirements		
Main lamp power	120-300W	120-300W	120-300W
Auxiliary lamp power	-	60-300W	60-300W
Number of modules	2-5	4-10	4-10
Luminous flux	14400-72000lm		
Input voltage	AC100-305V		
Frequency range	50/60Hz		
Power factor	> 0.9		
Color temperature	2200-6500k		
Color rendering index	Ra ≥ 70		
Luminaire efficiency	110-200lm/W		
Service life	> 50000h		
Operating ambient temperature	-25°C ~+40°C		
Protection class	IP66		
Mounting height	6-12m	8-12m	

Standard color: Grey flash Silver AEW I122DB(2111930)

Note: The above parameters are for reference only, subject to the actual order contract; Low temperature, high temperature, Strong wind pollution and other special areas need to be specified when ordering.

Types



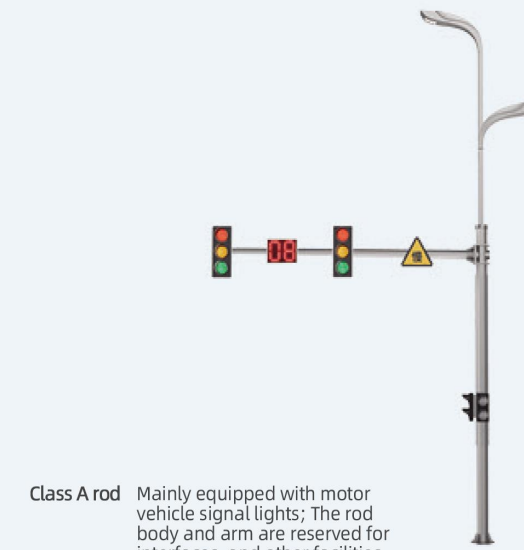
Renderings



Road composite pole



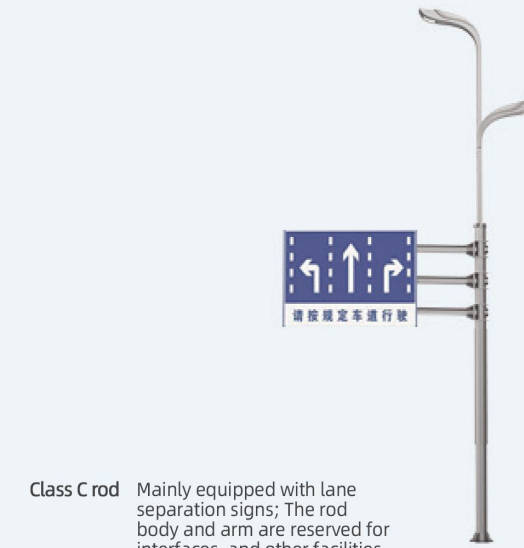
Types



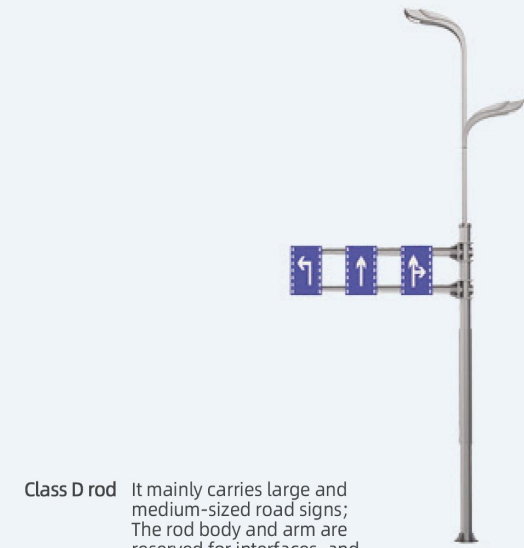
Class A rod Mainly equipped with motor vehicle signal lights; The rod body and arm are reserved for interfaces, and other facilities can be carried according to needs.



Class B rod Mainly equipped with video surveillance; The rod body and arm are reserved for interfaces, and other facilities can be carried according to needs.



Class C rod Mainly equipped with lane separation signs; The rod body and arm are reserved for interfaces, and other facilities can be carried according to needs.



Class D rod It mainly carries large and medium-sized road signs; The rod body and arm are reserved for interfaces, and other facilities can be carried according to needs.



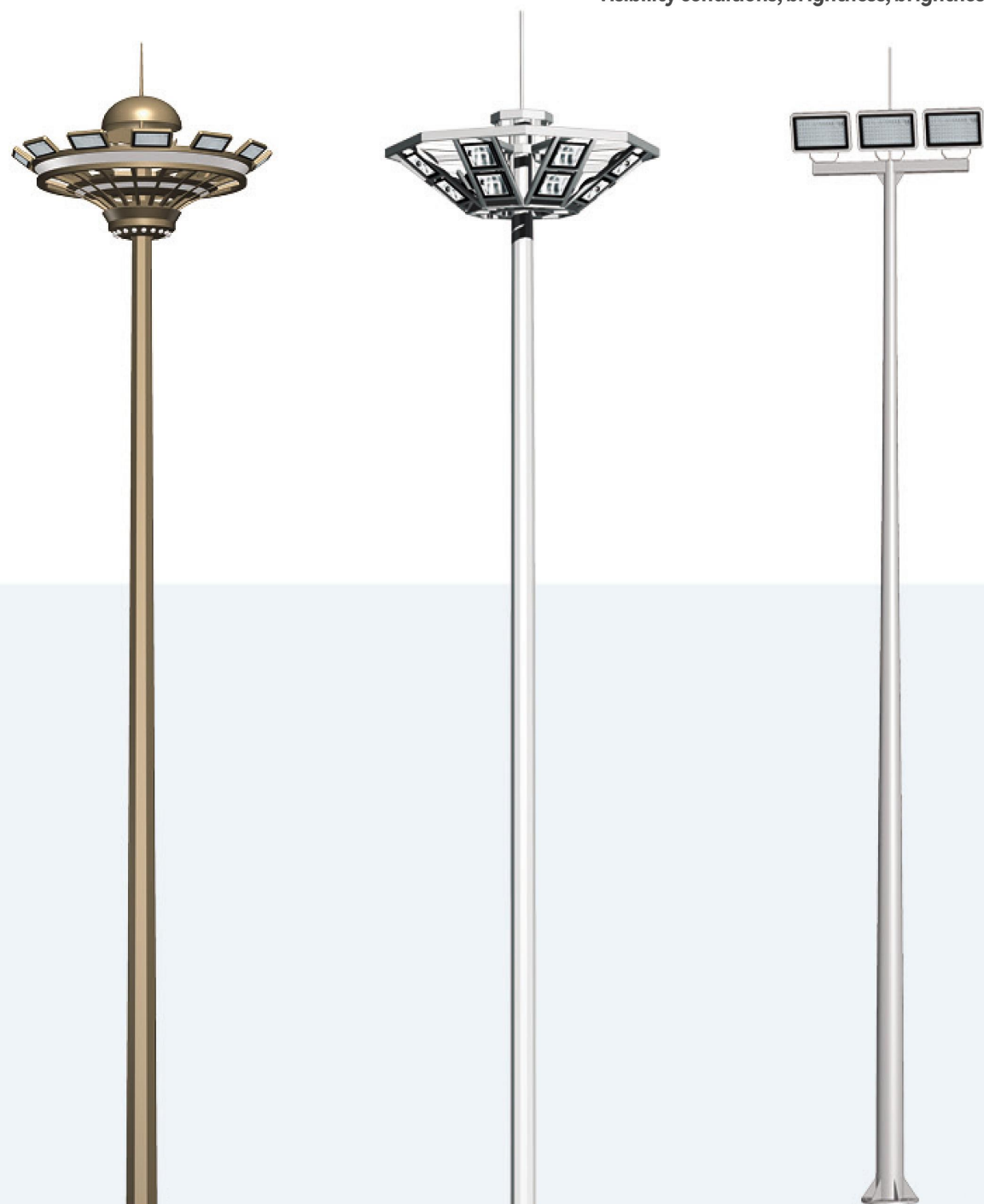
Class E rod The main road section of small road signs; The rod body and arm are reserved for interfaces, and other facilities can be carried according to needs.



Class F rod Road lighting pole, function reserved, can be equipped with small facilities and equipment.

MEDIUM AND HIGH POLE LIGHTING

Product description
 ★ High-pole lighting series lighting is the most widely used and most effective form of light source configuration in large-area lighting projects, mainly used in ports, airports, highways, city squares, multi-storey interchange interchange, large sports venues and other places requiring large-area centralized lighting, is a functional lighting products. The main pole is made of high-quality steel plate, the lamp plate is divided into frame type, closed, ball , UFO, landscape type and other forms, the height is more than 25 meters, the light source is concentrated, the illumination is wide, can create similar daytime visibility conditions, brightness, brightness, uniformity.



ELECTRONIC POLICE

Product description
 ★ traffic monitoring poling also called monitoring pole, is now more common traffic bar by the road, it is usually 3 to 6 meters high, is mainly used in road transportation, intersection, schools, government, community, factories, border, where needed, such as monitoring camera at the airport.
 ★ monitoring pole product characteristics: common pole shape: round rod, octagon bar etc, beautiful, concise and coordination
 ★ used in roads, Bridges, residential area, port, factories and other places of monitoring,

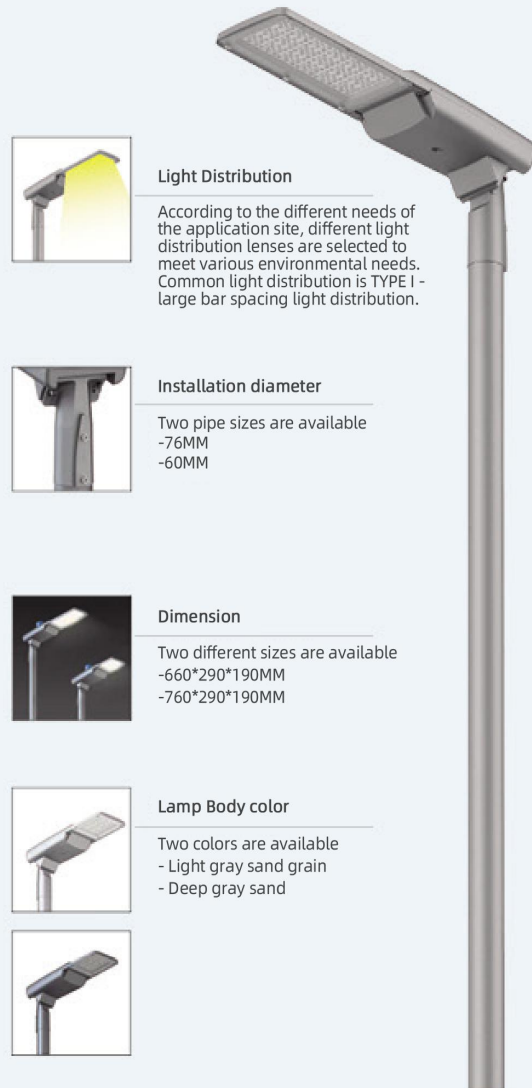


INTEGRATED SOLAR LAMP

Mains street lamp

Applicable place:
 Urban main road, secondary road, commercial square, industrial zone, large and medium-sized amusement park.
 Highways and other outdoor roads, stations, wharves and other places lighting.

The lamp body adopts the perfect combination of high purity aluminum die-casting and aluminum profile, streamlined appearance design, fashion, modern, stable and generous, with good heat dissipation design and independent optical design, greatly improve the luminous efficiency, and has the advantages of wide, no spot aperture.
 Quick disconnecting hinge design is easy to operate, high efficiency and energy saving drive power, CREE, PRY and other chip modules can be installed.
 Good stability, standard modular installation, high reliability, easy to maintain and replace.



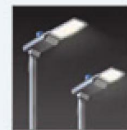
Light Distribution

According to the different needs of the application site, different light distribution lenses are selected to meet various environmental needs. Common light distribution is TYPE I - large bar spacing light distribution.



Installation diameter

Two pipe sizes are available
 -76MM
 -60MM



Dimension

Two different sizes are available
 -660*290*190MM
 -760*290*190MM



Lamp Body color

Two colors are available
 - Light gray sand grain
 - Deep gray sand



Single lamp controller

Realize product networking; Timing switch, dimming, remote management, fault alarm and other functions.

On-off protection

Safe and reliable

Safe and reliable

Effective protection of electrical equipment from lightning overvoltage, operating overvoltage, power frequency transient overvoltage impact and damage. Power drive Stable and reliable long life constant current output control mode.

Power Drive

Stability can depend on long-life constant-current output control



Tempered Safety Glass (ESG)

Lenses can be easily replaced.

The housing is made of corrosion-resistant die-cast aluminum (ADC12) with a corrosion-resistant powder coating.

Two mounting methods are available for rod mounting.

If necessary, this position of the lamp can be equipped with various sensors/optical management systems, which can achieve photoelectric timing, dimming, remote management, fault alarm and other functions.



Mains street lamp

Product Description

- ★ the lamp body adopts aluminum alloy lamp body, the whole forming process modular design can be selected according to customer requirements, to meet the requirements of various occasions, more conducive to LED heat dissipation, improve the life of the lamp.
- ★ The power supply adopts portable design to facilitate the construction and maintenance of lamps and lanterns.
- ★ IP66 double cavity design, the surface of the sand blasting treatment, increase heat dissipation area, improve the heat dissipation capacity.

Color



Controller

Smartphone, support wireless on/off, dimming status monitoring, remote control, everything can be easily and conveniently via smartphone

► More intelligent

APPLICATION

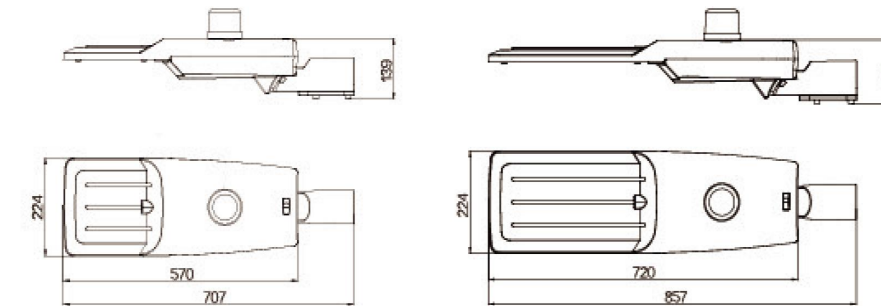
Widely use in high way, parking lot area, roadway, pathway, square, stadium, residential area, -yard, industrial area and etc



Specification Information

Product model	LP-	
Power	60-120W	120-200W
Light source	PHILIPS、CREE3030	
Supply voltage range	100-305VAC	
Frequency range	50-60Hz	
Power factor	> 0.95	
LED junction temperature range	< 65°C (Ta=25°C)	
Body temperature	< 50°C (Ta=25°C)	
Color temperature	2700-6500K	
Color rendering index	CRI > 70	
Light efficiency	120lm/W	
System efficiency	> 90%	
Operating temperature	-25°C ~50°C	
Lens material	Imported optical PC	
Lamp body material	ADC12	
Protection level of electric shock	Class II	
Anti-collision class	IK10	
Lifetime	> 50000H	
IP level	IP65	
Net weight	5kg	6.5kg
Gross weight	5.8kg	7.5kg
Carton size	660*290*190mm	760*290*190mm

Product dimensions



Product details



Mounted on the top of the rod as the top of the rod lighting, adjustable and locked in the 8° range, the precise Angle ratio: from -8° to +8° (rod with curved bracket).



Side mounted on top of the rod as rod top lighting, adjustable and locked in a range of 8°, precise Angle ratio: from -8° to +8° (straight rod).



Large aperture open cover design, open at any Angle, easy to operate, not restricted.

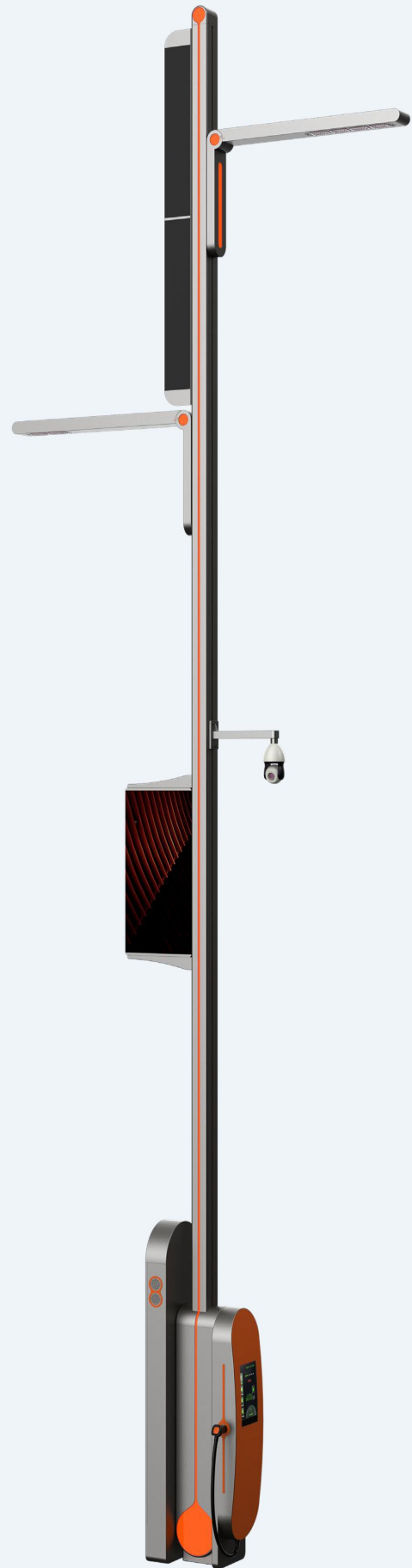


Push-pull quick opening button
- Tool-free opening and maintenance
- single hand operation
- Fast and safe installation

ZeroPoint Series

Product Description:

The Storage & Charging Pole: ZeroPoint Series represents an advanced solution in the realm of smart energy and urban infrastructure. Integrating cutting-edge energy storage and charging technologies, this product is designed to seamlessly blend into urban landscapes, providing efficient energy solutions for electric vehicles and smart city applications. The ZeroPoint Series not only enhances the functionality of urban spaces but also supports sustainable energy goals.



▶ **Touch Screen:**
Easy Operation

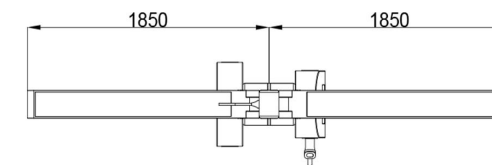
Fast Charging Port:
Efficient Charging



Specification Information

	Parameter/ Item	SCP-ZPT-30kW
Energy Storage Parameters	Battery Type	Lithium Iron Phosphate
	Energy Storage Capacity	40.32kWh
	Discharge Rate	≤ 1C
	Cycle Life	≥ 3000 cycles (80%)
Structure and Appearance	Product Dimensions	W583xL608xH2640mm
	Protection Level	IP54
	Open Circuit Voltage	47.5V
	Installation Method	Ground Installation
	Cable Length	5.5 meters
	Product Weight	430Kg
Environmental Indicators	Operating Temperature	-20° C to 50° C
	Operating Humidity	5%-95% non-condensing
	Operating Altitude	≤ 2000m
	Cooling Method	Air Cooling
	Noise Level	≤ 65dB

Link Details



Renderings



Smart Solar Tree

Product Description

★ combination of photovoltaic, energy storage, mobile charging, Wi-Fi coverage, public service, and bionic art landscapes can bring you an unparalleled user experience while being extremely practical and "a magical tree."



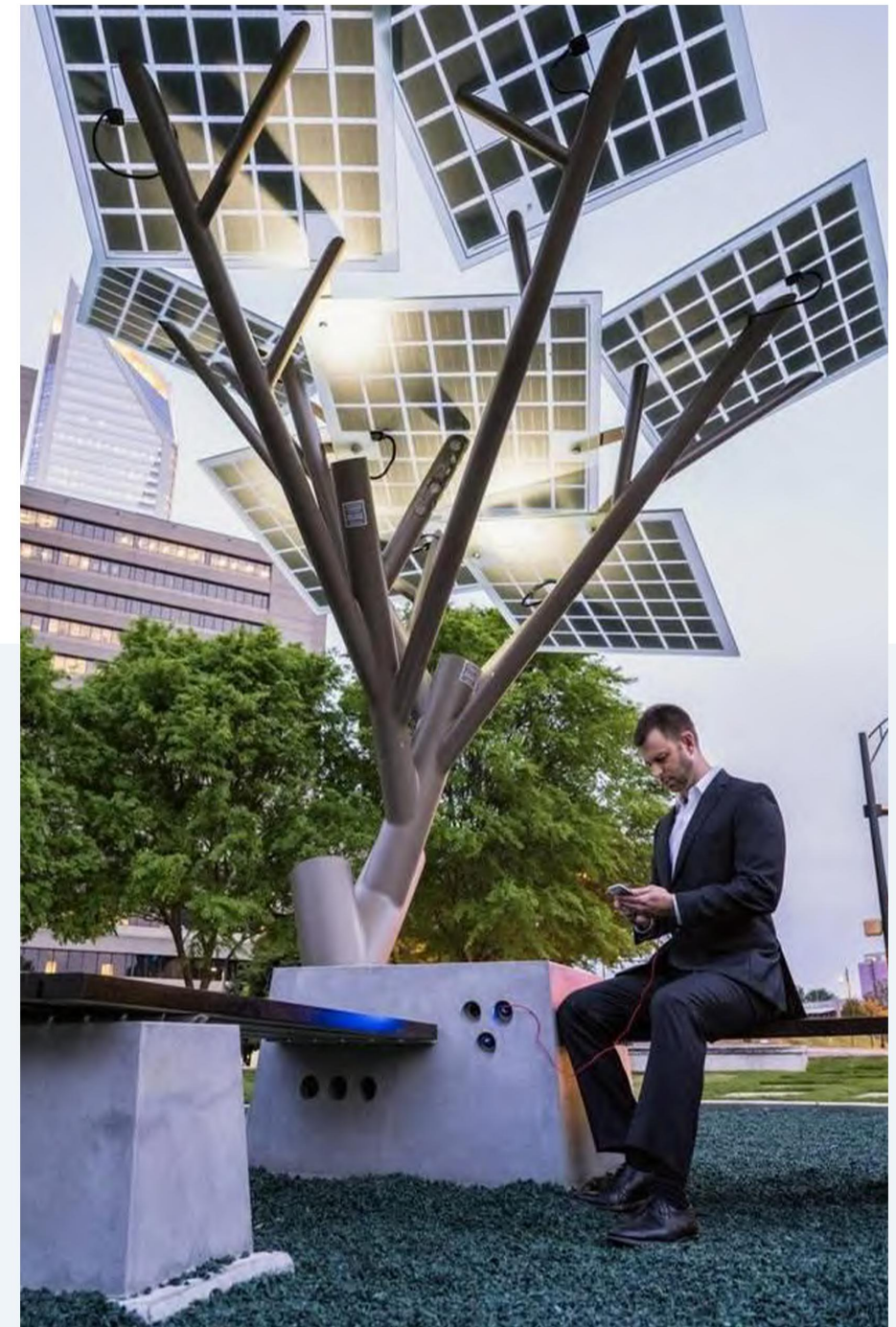
Application

- ★ university & school
- ★ municipality square
- ★ shopping & living mall
- ★ hospitals & factory
- ★ sports park & community



Basic Function

- ★ Resting point
- ★ Night illumination
- ★ USB charging
- ★ Water cooler



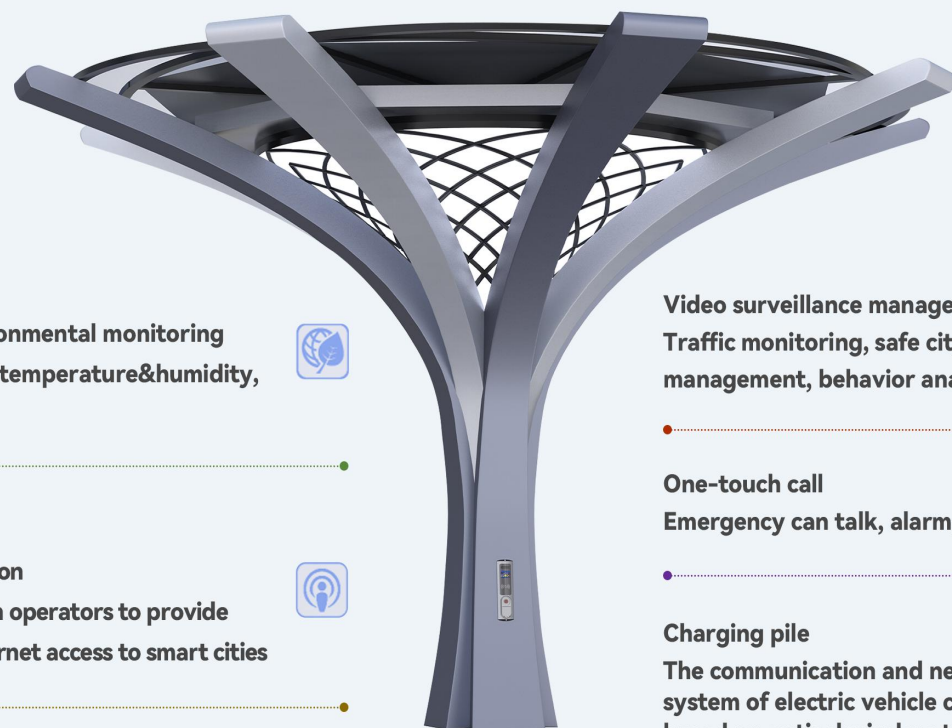
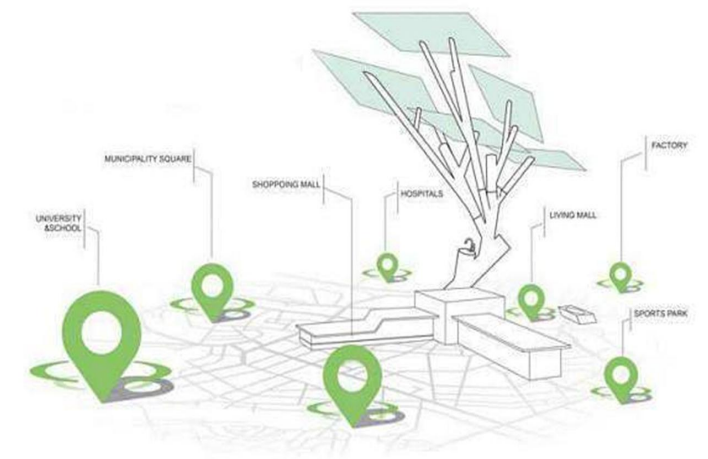


Functional&Parametric requirements

- ★ Total height 5 meters
- ★ Charging pile
- ★ Socket interface for sewage treatment system
- ★ Wifi
- ★ Landscape lighting
- ★ PM value detection
- ★ Security camera
- ★ Broadcast



GLOBAL REFERENCES



Regional environmental monitoring
Collect PM2.5, temperature&humidity, noise&light



Video surveillance management
Traffic monitoring, safe city security management, behavior analysis



Microbase station
Partnering with operators to provide ubiquitous Internet access to smart cities



One-touch call
Emergency can talk, alarm, positioning



Intelligent light control
With time control, light control and other intelligent control methods



Charging pile
The communication and network system of electric vehicle charging pile based on optical wireless technology is established



Sewage treatment system
Solar sewage treatment system



GANTRY FRAME

Product Description

★ The gantry is a kind of steel structure production, but also has a certain outdoor advertising role. It can be seen everywhere on the road, it can limit the height of the car driving on the urban road, improve the image of urban civilization and cultural publicity, the use of this tool can also carry out advertising, cultural publicity, and the gantry is generally installed in the highway intersection, Zihua street, market entrance, town entrance, development zone entrance and other major commercial areas.

★ Scope of application: city road interval speed measurement, highway can be safe information board, city express channel variable information board, gantry frame signs.



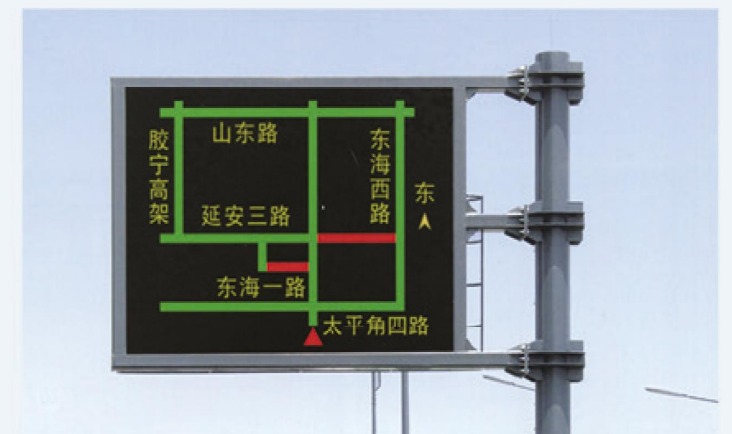
INFORMATION GUIDANCE SCREEN

Product Description

★ The traffic guidance screen is installed above the urban road surface to remind the driver of the current road condition information, traffic conditions such as: the site of the accident in front of the construction, strong wind, fog and other warning signs; Guidance map can also be displayed: (red: traffic congestion; Green: smooth; Yellow: congestion), etc., so that drivers can better grasp the current road conditions, avoid traffic jams, and reduce the occurrence of traffic accidents.

★ Traffic guidance screen belongs to the field environment work equipment, therefore, the reliability and advanced nature of the system has become more important, according to our past experience in the production of large variable intelligence sign display, we will all light emitting devices, electronic devices are screened, aging; Before and after installation, the whole system

will be rationally tested and aging, so that the whole large variable information sign display system can work stably and reliably in the actual environment. In addition, the corresponding protection treatment will be carried out on the printed circuit board connectors, boxes, frames, connectors, etc. Such as three prevention treatment, hot diffuse zinc treatment, spray treatment, acid-resistant resin treatment.



TRAFFIC LIGHTS

Product Description

★ Traffic lights are an indispensable public facility for urban road traffic. It can effectively control the urban traffic order and reasonably plan and divert traffic congestion. A variety of forms, all LED screen display, illustrated. Intelligent traffic lights are more integrated with big data and skynet system, which has become an important means of urban management.



型号: LP-XHD-2



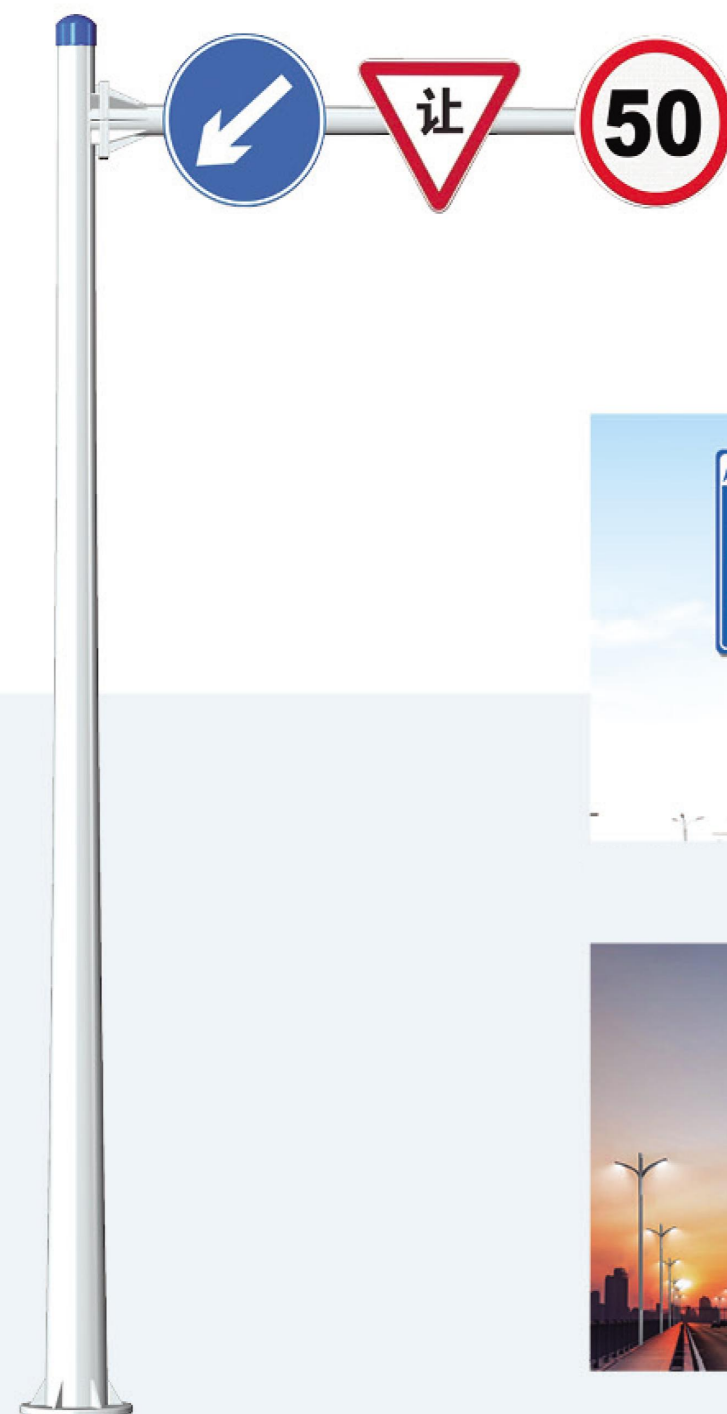
ELECTRONIC POLICE

Product Description

★ Road traffic signs are facilities that transmit information to road users by color, shape, character, shape, etc., and are used to manage traffic. Traffic signs should be set up according to the road and traffic conditions. Traffic signs provide accurate and timely information and guidance, so that road users can reach their destinations smoothly and quickly, and promote traffic and driving safety.

★ The main functions of road traffic signs are:

1. Provide road information and play the role of road language.
2. Command and control traffic to ensure traffic safety.
3. Guide the road to improve driving efficiency.
4. Provide law enforcement basis for traffic management departments.



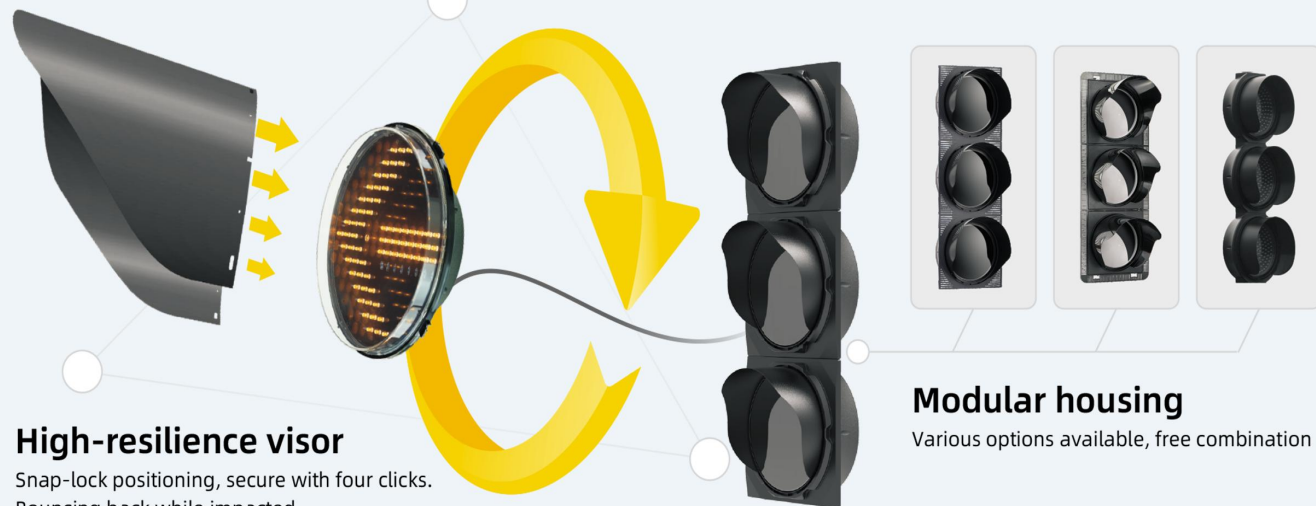
Traffic Signal Light



Product description
 ★ **Fast and easy maintenance**
 Snap fit design, one-step assembly. Tool-free installation makes on-site maintenance safer and more efficient.
 ★ **Sturdy and durable**
 Transparent PC face shield made of the same material as explosion-proof shields, offering lightweight, high transparency, and impact resistance.
 ★ **Innovative modular structure**
 Customizable for special combinations such as 4-unit or 5-unit signal lights. Flexibility in replacement, always ready for unexpected situations.

Lamp panel

Tool-free installation. Screw clockwise and unscrew counterclockwise.



High-resilience visor
 Snap-lock positioning, secure with four clicks. Bouncing back while impacted.

Modular housing
 Various options available, free combination

Segmented Lamp Pole

Product description
 ★ Allow flexible length customization, ensuring easy transportation and installation. They boast high adaptability and compatibility.



Wind load reduced by **39%**
 Weight decreased by **49% ~ 65%**

Lighter in weight

Reducing stress on the lamp post, a smart lamppost's perfect companion.

Lower wind load

Typhoon resistance, and enhanced safety.



Portable Traffic Signals

Product description

★ Traditional solar charging controllers and control circuits often have significant static power consumption after battery discharge protection, leading to wastage. With a focus on energy efficiency and environmental sustainability, portable traffic signal integrates a solar controller and utilizes a low-power design, which not only extends battery life but also enhances the device's overall runtime.



Big Wheels, Endless Exploration
Introducing a collapsible design for effortless installation and large bottom tires built to tackle diverse road conditions, guaranteeing stability and convenience.

Smart Integrated Pedestrian Crosswalk Signal Light

Product description

- ★ Modular assembly for high efficiency; crafted from specialized materials, seamlessly integrated, lightweight, high strength, corrosion-resistant, and long-lasting.
- ★ Effectively reduces transportation and construction costs, significantly shortening installation time.
- ★ Utilizes imported chips for ultra-high brightness, minimal light decay, and stable performance using heat sink technology for a long lifespan.
- ★ Tool-free, snapfit design for easy on-site maintenance.

