SOLAR STREET LIGHTINGS INC

COMPANY PROFILE

www.solarstreetlightings.com

CONTENTS

SOLAR STREET LIGHTINGS INC

www.solarstreetlightings.com

COMPANY PROFILE

Solar Street Lighting, Inc. is a bold, forward-thinking clean energy infrastructure company dedicated to transforming urban and commercial environments with cutting-edge solar-powered lighting solutions. Headquartered in New York, Solar Street Lighting specializes in designing, supplying, and installing high-performance solar lighting systems tailored to the unique needs of downtown business districts, municipalities, transportation hubs, commercial properties, and large-scale public spaces.

At Solar Street Lighting, we believe light is more than illumination — it's safety, commerce, community, and progress. Our mission is to build a brighter, more sustainable future by delivering reliable, cost-effective, and grid-independent lighting infrastructure that enhances public safety, reduces energy costs, and drives economic vitality.

www.solarstreetlightings.com

ABOUT US

Our mission is to empower communities with innovative, sustainable solar lighting solutions that improve safety, reduce environmental impact, and spark economic growth — one street, storefront, and public space at a time.

To become the leading solar lighting infrastructure company in the United States by redefining how cities and communities illuminate their streets, activate their business districts, and meet their sustainability goals — without dependence on the electrical grid.

We design and deliver complete end-to-end lighting projects, from site assessment and planning to installation, commissioning, and maintenance. Our systems require no trenching, no grid connection, and minimal disruption — making them ideal for business improvement districts, municipalities, and public agencies.

Our engineering team develops tailored solar lighting solutions to meet unique client needs, including pedestrian walkways, parking lots, waterfronts, retail corridors, and transportation hubs
.
Solar Street Lightings partners with top global manufacturers to provide private-label lighting systems, offering clients a branded, scalable product line optimized for their specific applications.
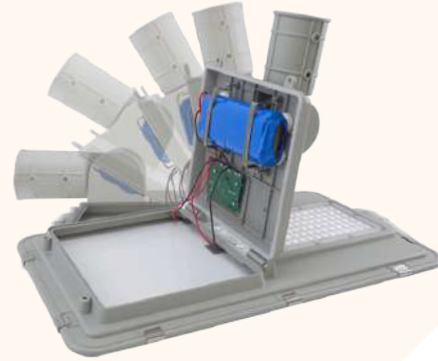
We are pioneering a subscription-based model for solar lighting, allowing cities, BIDs, and property owners to deploy large-scale lighting projects with no upfront capital investment. Clients pay a predictable monthly fee while we manage the technology, maintenance, and upgrades.

PRODUCTS & SERVICES

2

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

Battery

Motion Sensor

LED Chips

Optical Lens

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169022
Lamp Rate wattage	80W
Lamp CCT	6500k
Lamp Lumen output	12000LM
Lamp Dimension	1437*357*50mm
Lamp body Material	Diecasting aluminum
Lamp IP Rate	IP65
Solar Panel Peak wattage	120W
Solar Panel Peak voltage	6V
Battery Capacity	576WH
Battery Voltage	12V
Control Method	Light Induction
Lighting Mode	6-8-10-12 hours,Defaut 12H lighting

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

LED Chips

LED Chips (Light-Emitting Diode Chips) are the core semiconductor components that convert electrical energy into light.They are high efficiency, Solar Compatibility, Smart Control,Extreme Durability and Eco-Design.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169022
Lamp Rate wattage	120W
Lamp CCT	6500k
Lamp Lumen output	18000LM
Lamp Dimension	1420 * 340 * 60mm
Lamp body Material	Diecasting aluminum
Lamp IP Rate	IP66
Solar Panel Peak wattage	100W
Solar Panel Peak voltage	36V
Battery Capacity	768WH
Battery Voltage	25.6V
Control Method	Manual switch
Lighting Mode	6-8-10-12 hours,Defaut 12H lighting

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

LED Chips

Aluminum Alloy Lamp Housing

Optical Lens

Motion Sensor

Battery

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169004
Lamp Rate wattage	240W
Lamp CCT	3000-6000K
LED Chip	3030
Lamp Dimension	860*350*130mm
Lamp body Material	Diecasting aluminum
LED PCS	240 PCS LED
Solar Panel Peak wattage	50W
Solar Panel Peak voltage	6V
Battery Capacity	50AH
Battery Voltage	3.2V
Control Method	Manual switch, Lighting control, Time control
Lighting Mode	Always on + human body sensing

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

LED Chips

Optical Lens

Motion Sensor

Battery

>>> PRODUCT SPECIFICATION

Model	ZX-YTH-169004		
Lamp Rate wattage	300W	400W	500W
Lamp CCT	3000-6000K		
LED Chip	3030		
Lamp Dimension	887*400*160mm	1116*400*280mm	1435*400*280mm
Lamp body Material	Diecasting aluminum		
LED PCS	180 PCS LED	240 PCS LED	300 PCS LED
Solar Panel Peak wattage	60W	80W	100W
Solar Panel Peak voltage	6V	18V	18V
Battery Capacity	60AH	80AH	100AH
Battery Voltage	3.2V		
Control Method	Manual switch, Lighting control, Time control		
Lighting Mode	Always on + human body sensing		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
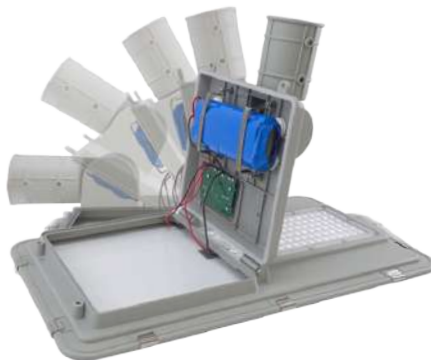
Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

LED Chips

Optical Lens

Motion Sensor

Battery

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169004		
Lamp Rate wattage	60W	100W	180W
Lamp CCT	8000K		
LED Chip	3030		
Lamp Dimension	562*282*130mm	562*282*130mm	667*325*130mm
Lamp body Material	Diecasting aluminum		
LED PCS	60 PCS LED	100 PCS LED	180 PCS LED
Solar Panel Peak wattage	60W	80W	100W
Solar Panel Peak voltage	6V	18V	18V
Battery Capacity	60AH	80AH	100AH
Battery Voltage	3.2V		
Control Method	Manual switch, Lighting control, Time control		
Lighting Mode	6-8-10-12 hours,the default is 12 hours		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Motion Sensor

Aluminum Alloy Lamp Housing

LED Chips

Battery

Optical Lens

>>> PRODUCT SPECIFICATION

Model	ZX-YTH-169008		
Lamp Rate wattage	20W	40W	60W
Lamp CCT	5500-6000K		
LED Chip	3030		
Lamp Dimension	500*241*52mm	650*241*52mm	800*241*52mm
Lamp body Material	Diecasting aluminum		
LED PCS	20 PCS LED	40 PCS LED	60 PCS LED
Solar Panel Peak wattage	20W	25W	30W
Solar Panel Peak voltage	6V	6V	5V
Battery Capacity	64WH	96WH	144WH
Battery Voltage	3.2V		
Control Method	Light control/Time control/Switch control/Remote control		
Lighting Mode	Default 12H Lighting		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
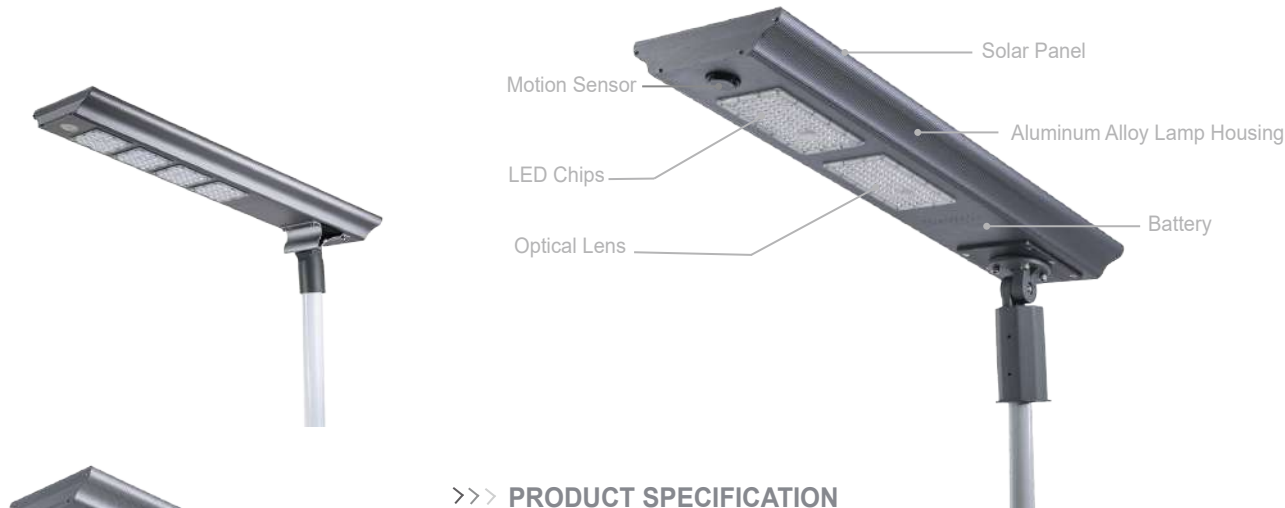
Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel
Motion Sensor
Aluminum Alloy Lamp Housing
LED Chips
Battery
Optical Lens

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169008		
Lamp Rate wattage	80W	100W	200W
Lamp CCT	5500-6000K		
LED Chip	3030		
Lamp Dimension	1000*278*76mm	1000*343*76mm	1200*343*76mm
Lamp body Material	Diecasting aluminum		
LED PCS	80 PCS LED	98 PCS LED	196 PCS LED
Solar Panel Peak wattage	45W	60W	75W
Solar Panel Peak voltage	6V	6V	6V
Battery Capacity	208WH	320WH	480WH
Battery Voltage	3.2V		
Control Method	Light control/Time control/Switch control/Remote control		
Lighting Mode	Default 12H Lighting		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

LED Chips

LED Chips (Light-Emitting Diode Chips) are the core semiconductor components that convert electrical energy into light.They are high efficiency, Solar Compatibility, Smart Control,Extreme Durability and Eco-Design.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

LED Chips

Optical Lens

Battery

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169012		
Lamp Rate wattage	50W	100W	150W
Lamp CCT	6000K		
LED Chip	5050		
Lamp Dimension	1078*300*50mm	1306*426*50mm	1480*528*50mm
Lamp body Material	Diecasting aluminum		
LED PCS	56 PCS LED	112 PCS LED	168 PCS LED
Solar Panel Peak wattage	45W	90W	135W
Solar Panel Peak voltage	6V	6V	6V
Battery Capacity	128WH	256WH	405WH
Battery Voltage	3.2V		
Control Method	Manual switch/Light control/Time control		
Lighting Mode	6-8-10-12 hours,Defaut 12H lighting		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
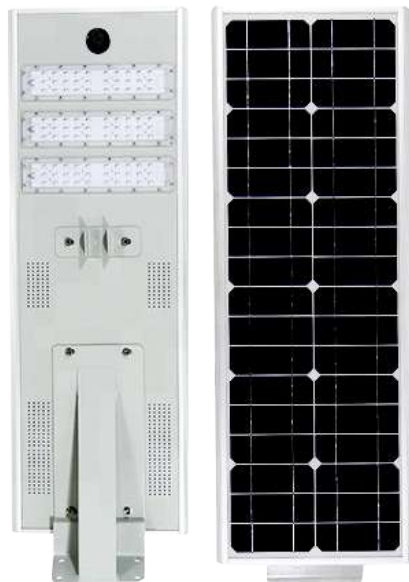
Motion Sensor

The light will work automatically at night. When people come , the light will working at 100% power, after people gone, the light will working at 30% power.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

Motion Sensor

Battery

LED Chips

Optical Lens

>>> PRODUCT SPECIFICATION

Model	ZX-YTH-169013
Lamp Rate wattage	30W
Lamp CCT	6500k
LED Chip	3030
Lamp Dimension	1250*359*50mm
Lamp body Material	Diecasting aluminum
Lamp IP Rate	IP65
Solar Panel Peak wattage	75W
Charging time	4-5 hours
Battery Capacity	30AH
Battery Voltage	12.8V
Control Method	Light Induction, Remote conrol
Lighting Mode	6-8-10-12 hours, Defaut 12H lighting

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
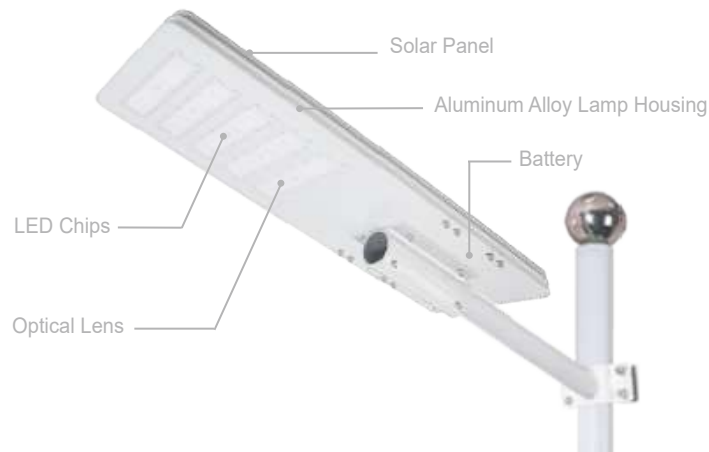
LED Chips

LED Chips (Light-Emitting Diode Chips) are the core semiconductor components that convert electrical energy into light.They are high efficiency, Solar Compatibility, Smart Control,Extreme Durability and Eco-Design.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

Battery

LED Chips

Optical Lens

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169023
Lamp Rate wattage	200W
Lamp CCT	6500k
LED Chip	3030
Lamp Dimension	1220*340*50mm
Lamp body Material	Diecasting aluminum
Lamp IP Rate	IP65
Solar Panel Peak wattage	100W
Solar Panel Peak voltage	6V
Battery Capacity	50AH
Battery Voltage	3.2V
Control Method	Manual switch
Lighting Mode	Defaut 11H lighting

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
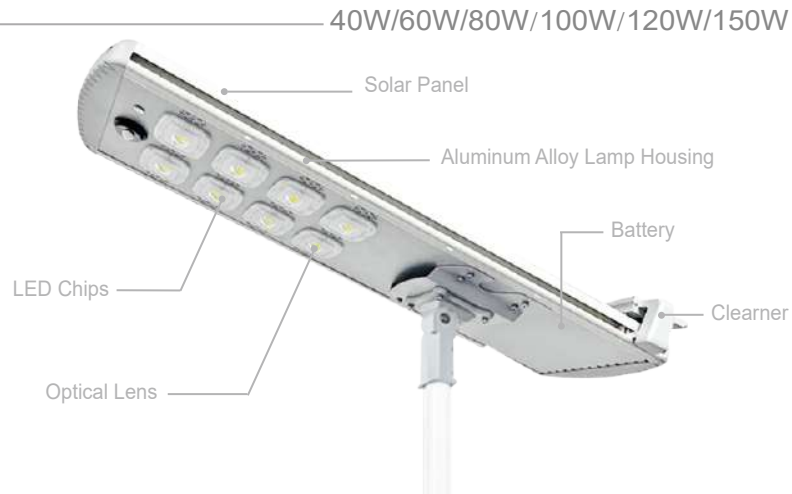
Automatic Cleaner

Typically utilizes a micro-motor-driven rotating brush/scraper system with timed triggering for cleaning actions, enhancing solar panel conversion efficiency.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

Battery

LED Chips

Clearner

Optical Lens

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169007		
Lamp Rate wattage	40W	60W	80W
Lamp CCT	6000K		
LED Lens	COB 6SET	COB 8SET	COB 10SET
Lamp Dimension	998*373*50mm	1233*373*50mm	1543*373*50mm
Lamp body Material	Diecasting aluminum		
Installation Height	4-5m	5-6m	6-7m
Solar Panel Peak wattage	45W	60W	80W
Solar Panel Peak voltage	18V	18V	18V
Battery Capacity	256WH	384WH	512WH
Battery Voltage	12.8V		
Control Method	Manual switch,Light induction,Timing control		
Auto Cleaner	3 times/day,morning,noon,sunset auto-clean		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
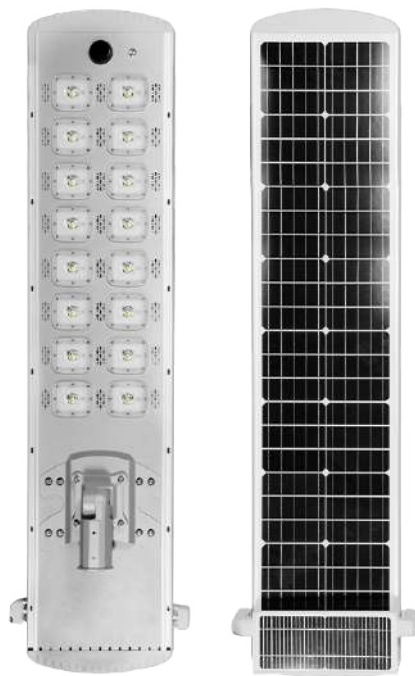
Automatic Cleaner

Typically utilizes a micro-motor-driven rotating brush/scraper system with timed triggering for cleaning actions, enhancing solar panel conversion efficiency.

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

Battery

Clearner

LED Chips

Optical Lens

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169007		
Lamp Rate wattage	100W	120W	150W
Lamp CCT	6000K		
LED Lens	COB 12SET	COB 14SET	COB 16SET
Lamp Dimension	1863*373*50mm	2200*373*50mm	2540*373*50mm
Lamp body Material	Diecasting aluminum		
Installation Height	7-9m	8-10m	10-12m
Solar Panel Peak wattage	100W	120W	150W
Solar Panel Peak voltage	18V	18V	18V
Battery Capacity	640WH	768WH	896WH
Battery Voltage	12.8V		
Control Method	Manual switch,Light induction,Timing control		
Auto Cleaner	3 times/day,morning,noon,sunset auto-clean		

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.

LED Modular Display Panel

Utilizes magnetic snap - in / interlocking inter-faces (e.g., NanoLock™ technology), achieving seamless splicing with ±0.1mm precision and 50% faster assembly speed (compared to traditional screw fixation).

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

LED Chips

Optical Lens

Battery

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169019	
Lamp Rate wattage	100W	200W
Lamp CCT	6000K	
LED Chip	3030	
Lamp Dimension	770*359*70mm	860*359*70mm
Lamp body Material	Diecasting aluminum	
LED PCS	128PCS	192PCS
Solar Panel Peak wattage	40W	45W
The light method	Always on	
Battery Capacity	40AH	45AH
Battery Voltage	3.2V	
Control Method	Manual switch,Light induction,Timing control	
Discharge time	the default is 12 hours	

www.solarstreetlightings.com

PRODUCT DETAILS

Anti-UV Optical Lens

The Lens makes the light spot is uniform, there is no astigmatism, no shadow, and the transmittance is very high , which maximizes the utilization of LED light.
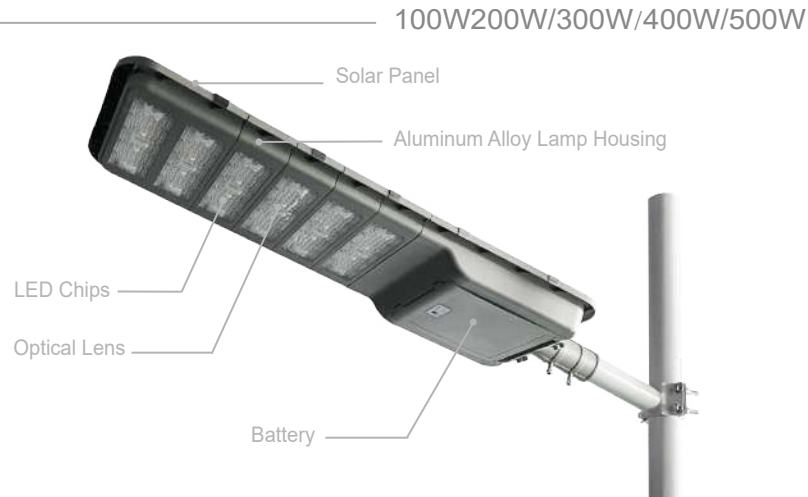
LED Modular Display Panel

Utilizes magnetic snap - in / interlocking inter-faces (e.g., NanoLock™ technology), achieving seamless splicing with ±0.1mm precision and 50% faster assembly speed (compared to traditional screw fixation).

Aluminum Alloy Lamp Housing

The lamp housing is made of aluminum alloy , anodizing treatment on surface. and no fade. which is strong and stable. waterproof and rust-proof.

Solar Panel

High quality polycrystalline silicon material, high charging efficiency, long lifespan

Solar Panel

Aluminum Alloy Lamp Housing

LED Chips

Optical Lens

Battery

>>> **PRODUCT SPECIFICATION**

Model	ZX-YTH-169019		
Lamp Rate wattage	300W	400W	500W
Lamp CCT	6000K		
LED Chip	3030		
Lamp Dimension	950*359*70mm	1040*359*70mm	1130*359*70mm
Lamp body Material	Diecasting aluminum		
LED PCS	256 PCS	320 PCS	384 PCS
Solar Panel Peak wattage	50W	50W	60W
The light method	Always on		
Battery Capacity	50AH	55AH	60AH
Battery Voltage	3.2V		
Control Method	Manual switch/Light control/Time control		
Discharge time	the default is 12 hours		

www.solarstreetlightings.com

WHY US?

SOLAR STREET LIGHTINGS INC

3

- **Sustainability & Savings:** Our solar lighting systems eliminate grid dependency, reduce carbon emissions, and significantly lower operational costs.

- **Community Impact:** Enhanced lighting improves safety, increases pedestrian traffic, extends retail hours, and boosts local economies.

- **Rapid Deployment:** No trenching, no utility coordination, and no extensive permitting required.

- **Scalability:** From a single block to an entire city, our solutions grow with your community's needs.

- **Data-Driven Performance:** Advanced monitoring and analytics ensure maximum uptime and system efficiency.
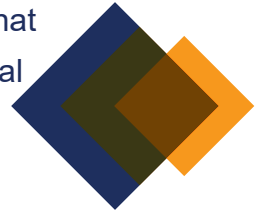
www.solarstreetlightings.com

Markets We Serve

- Business Improvement Districts (BIDs)

- Municipal Governments & Transportation Authorities

- Commercial & Retail Centers

- Residential & Mixed-Use Developments

- Campus, Park, and Recreational Facilities

- Corporate and brand activations

Our Commitment to the Future

As cities move toward net-zero goals and smart infrastructure initiatives, Solar Street Lighting stands at the forefront of the clean energy revolution. Our vision is to illuminate the future with infrastructure that is sustainable, scalable, and smart — driving economic growth, community safety, and environmental progress across New York and beyond.

SOLAR STREET LIGHTINGS INC

www.solarstreetlightings.com