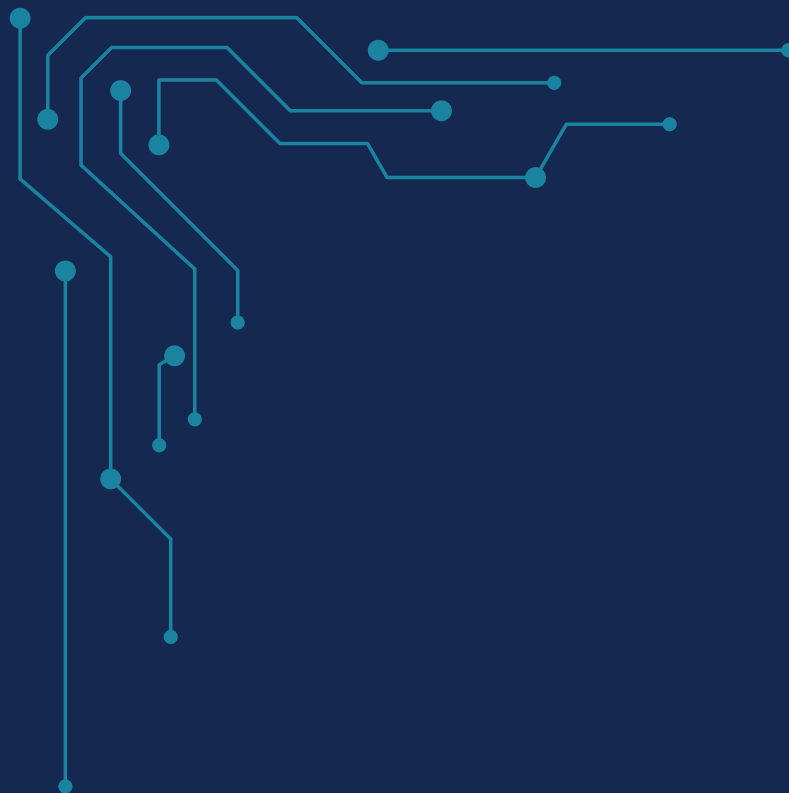




OFF-GRID COMMERCIAL
LIGHTING & SOLAR SOLUTION

TECHNOLOGIES | SPECIFICATIONS | PROJECTS



www.smpowersolutions.com

SMM POWER SOLUTIONS PVT LTD

D.No:585/2, Rajaji Nagar, Uppilpalayam, Singanallur,
Coimbatore South, Coimbatore- 641005, Tamil Nadu
Mobile : (91) 90039 76413 / 90039 56156

**PRODUCT
CATALOGUE**



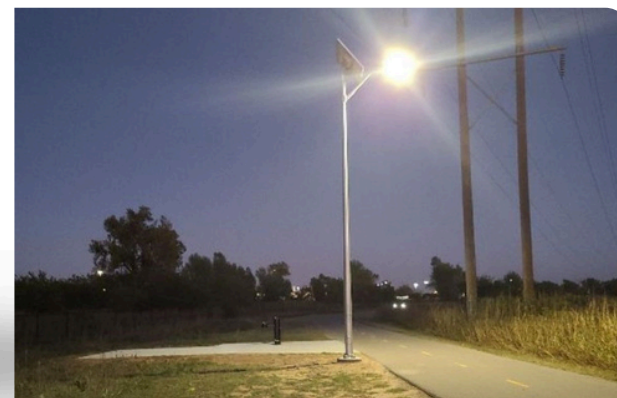


ABOUT US

SMM Power Solutions is known as the pioneer in the solar street light industry, the leading China-based manufacturer of commercial solar-powered LED lighting products. Designs and manufactures, market and service commercial-grade solar outdoor LED lighting systems to meet a wide range of solar lighting applications.

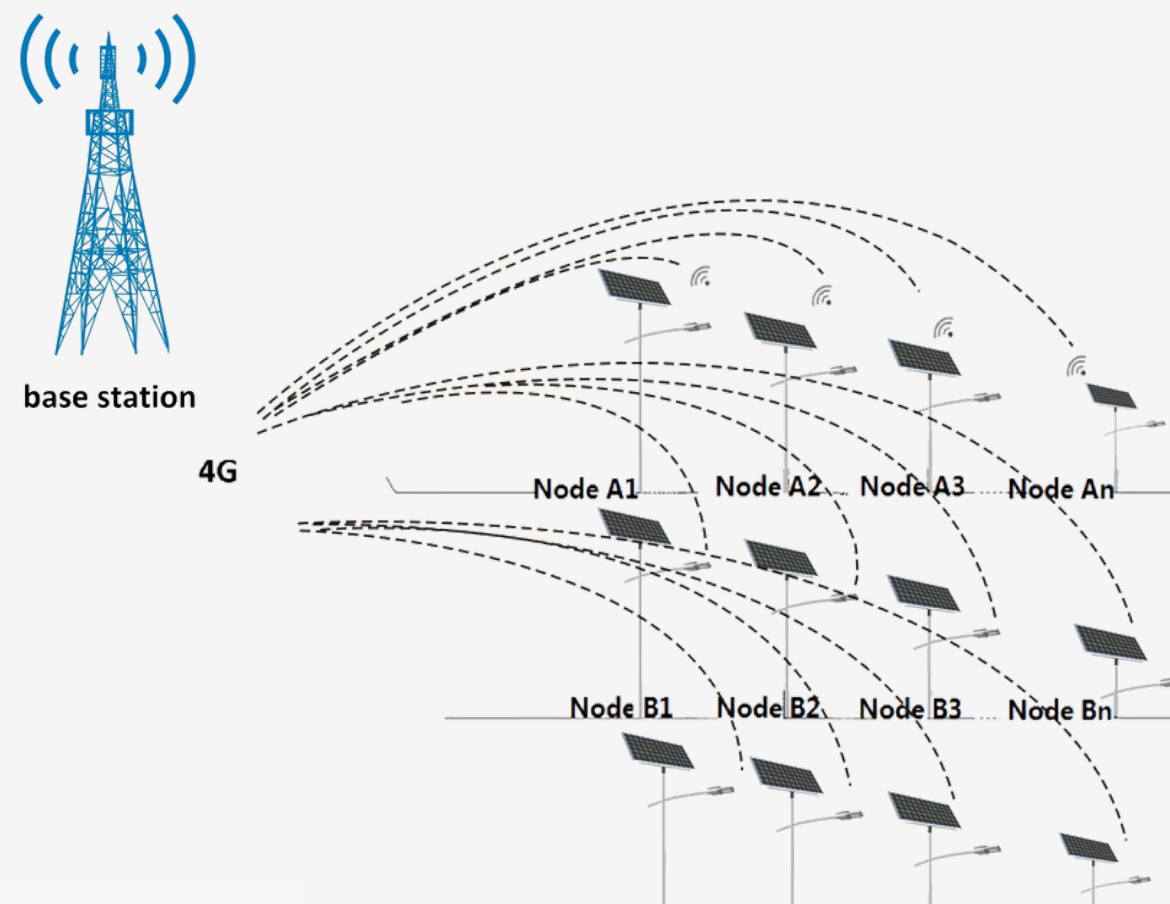
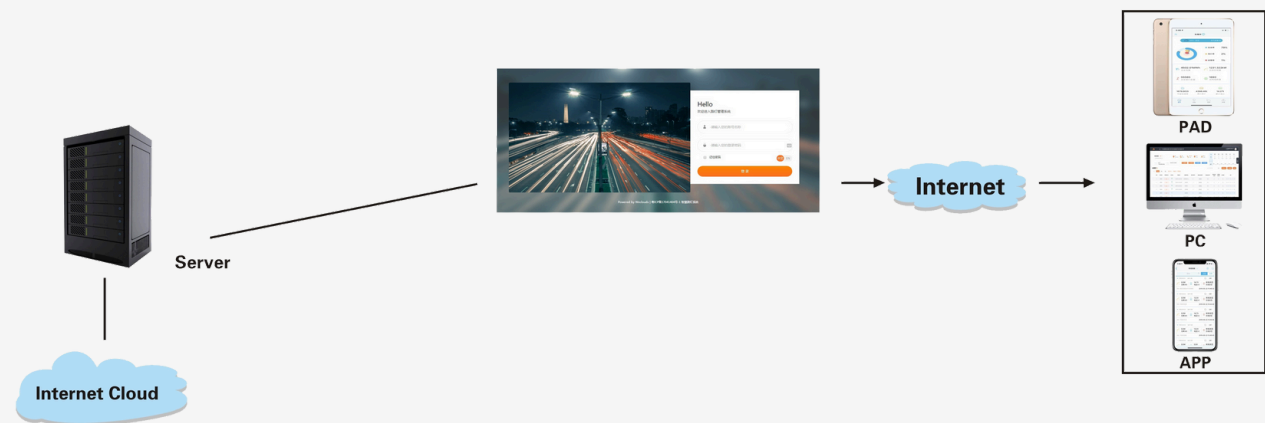
SMM Power Solution products have been sold in more than 70 countries and regions and trusted by municipalities, governments, and commercial organizations.

The future is being built today and SMM Power Solution is making that future more productive, more eco-friendly and more sustainable.



10 CORE TECHNOLOGIES

1 Wireless solar street light management system



Features



Remotely Control the Switch and Lighting Adjustment
Control and configure the lights remotely from anywhere based on your seasonal requirement.



Remote Switch for the working modes
Change the working modes using the remote switch to save energy and prolong working time of the Light according to specific project requirements.



Failure Warning
Immediate warning and alarm system to the client if any detection of malfunctions occurs.



GPS MAP
With the GPS feature you can locate the lights on real time and get all the lighting status.



Cloud Operation Monitoring
Manage the voltage, power, energy consumption or any failures anywhere, everywhere all through the cloud management system.



Big Data Analysis
Remote monitoring information, real time inquiries and historical data inquiries, which can be generated as statement or graphical representation for easy data analysis.



Authority Management
Unified login password through system permission settings prevents unauthorized person to operate and keeps the system safer and reliable.

2 Smart Control System

MPPT Controller (Maximum Power Point Tracking)

Our solar lights are equipped with high efficiency Intelligent Power Regulation provided by MPPT technology built into the intelligent charge controller. This advanced technology automatically adjusts the output power to match variable weather and sunlight input conditions encountered by the solar panel. By maximizing peak performance continuously in this way, SMM POWER SOLUTIONS MPPT controllers raise charging efficiency 16-30% higher than previous generation PWM technology.



Mono-Crystalline solar panel collects the sun's radiation & converts to D.C voltage



MPPT Controller (Maximum Power Point Tracking)



Lower power consumption during conversion phase



Increase battery charging efficiency

3 LiFePO4 Battery Management



Eco-friendly lithium battery



Over 2000 times cyclic charge-discharge



Over 10 years battery lifespan



Intelligent Ultralow Temperature Control System



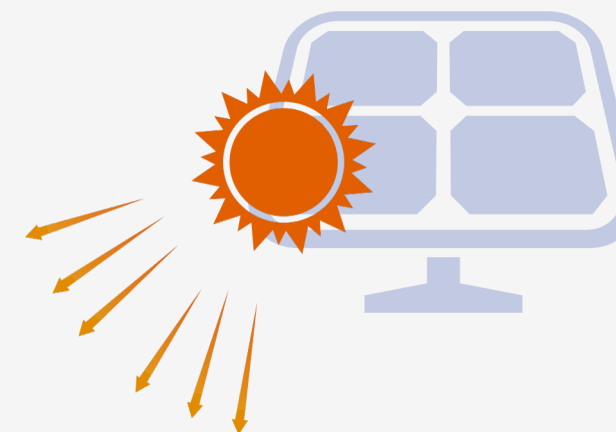
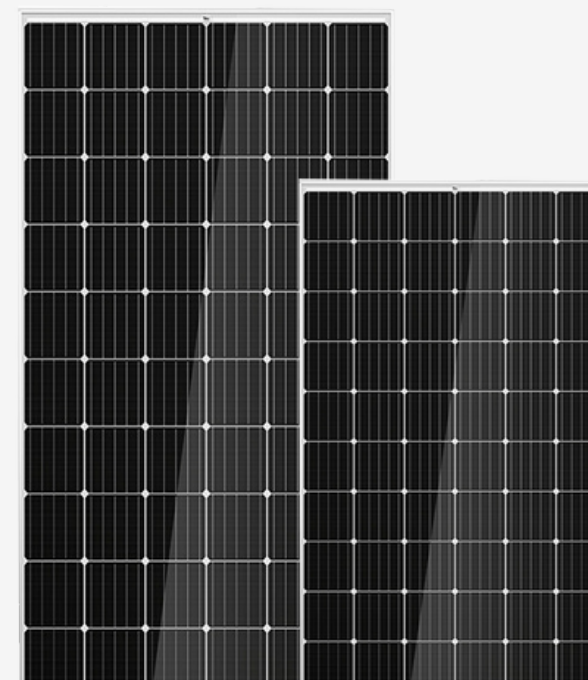
No Worries on Freezing Weather



Optional Ultra low temperature protection with the patented battery control technology makes the operation smooth even in extreme cold temperatures (-40°C)



4 High-Efficiency Solar Panels



Mono-crystalline silicon solar panel



More than 19.6% transfer efficiency

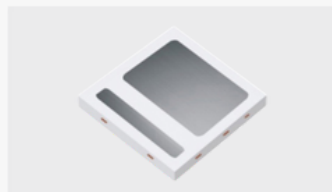


25 years life span

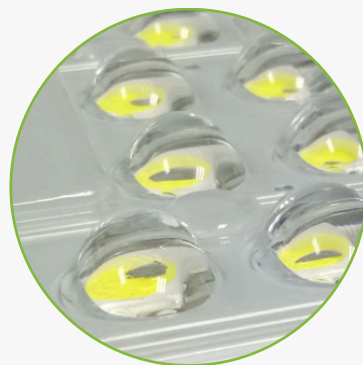
5 High Luminous Efficiency LED



LED luminous efficiency
reach up to **210lm/w(@25°C)**



Aluminum lamp base
excellent heat dissipation



superior
outdoor LED



Bridging Light
and Life™



High luminous
efficiency



Long lifespan



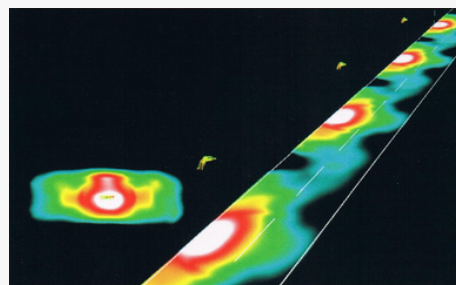
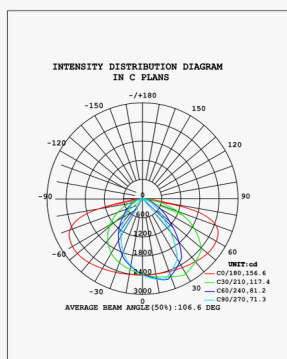
Low heat emission



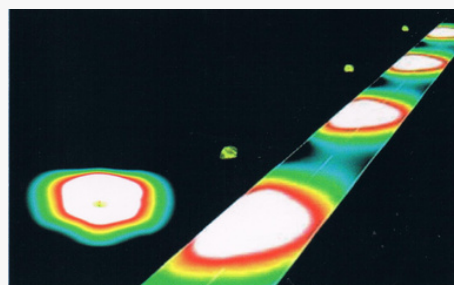
Stable and prolonged
100% lumen output

6 Bat Wing + Spreadlight Lens

The brand new light distribution lens design distribution lens
design delivers extraordinary
lighting effects, illumination and uniformity.
Designed especially to suit various light distribution types.



Type II suits general road lighting requirements, i.e.
country road, emergency exit, residential area.

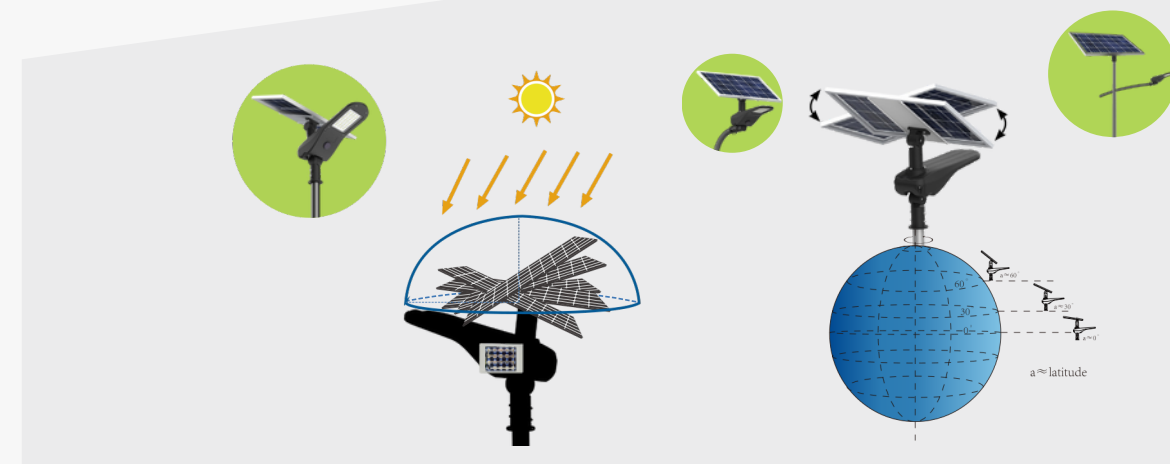


Type III suits wide road lighting requirements, i.e.
express way, parking lot, shopping plaza, scenic park.

7 360° Adjustable

360° rotating platform includes an adjustable bracket (5 angle) that can tilt and turn the solar panel
so it faces towards the sun.

Solar panel can be adjustable manually in vertical and horizontal direction, ensure the maximum
efficiency of solar energy.



8 All-in-One Design

Solar panel, led light, lithium battery, controller all in one unit, each lamp is a complete stand alone
all in one solar lighting system.

No wiring, no digging, no debugging, easy to install with low installation cost and labour fee, also
easy to transport and maintain.



Integrated solar street light

VS



Split solar street light



Complete Aluminum Frame Structure



High tensile



Light weight



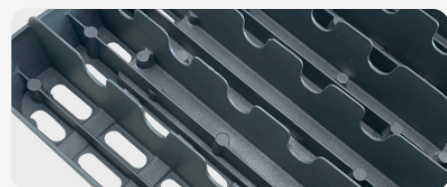
Anti-corrosion



Anti-16 typhoon



Excellent heat dissipation



Die casting alumium(GM)

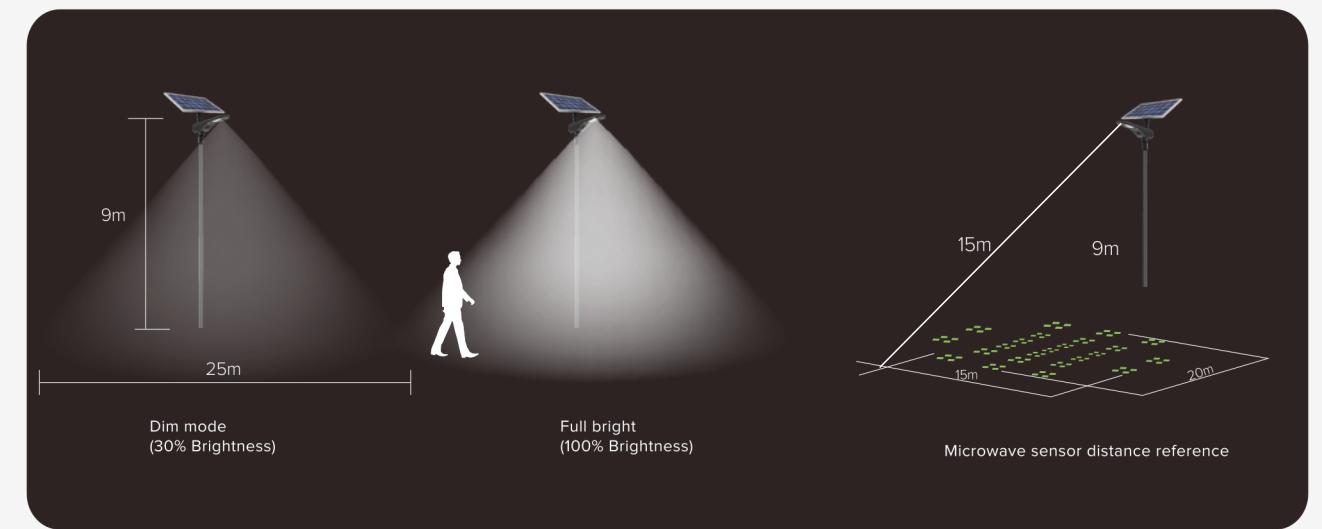


Die casting alumium(THOR)

9 Smart Microwave Motion Sensor

The fourth generation of microwave detecting technology, intelligent adjust brightness, more energy-saving, more humanize.

When it detect movements, illumination levels will turn to full brightness and back to dim-mode when movements go far away.



10 Handheld remote to switch 5 working mode

ON ON: Turn on the light

OFF OFF: Turn off the light

M1 Max Bright: 100% 6hrs + 50% 8 hrs

M2 Time Control: 50% power 1hr + 100 % power 4hrs + 50% 3hrs +20% 6hrs

M3 Time & Sensor Control: 70% power 2hrs | 100% power 2hrs | 50% power 2hrs for first 6hrs, the next 6-8hrs, sensor start working, object move closer 🚶 50% power, object move away 🚶 20% power

M4 Sensor Control-A: From dusk to dawn, object move closer 🚶 100% power, object move away 🚶 30% Power

M5 Sensor Control-B: From dusk to dawn, stay off all night, object move closer 🚶 activate at 100% power

⚙️ -20%: Power decrease 20% based on original working mode

⚙️ +20%: Power increase 20% based on original working mode

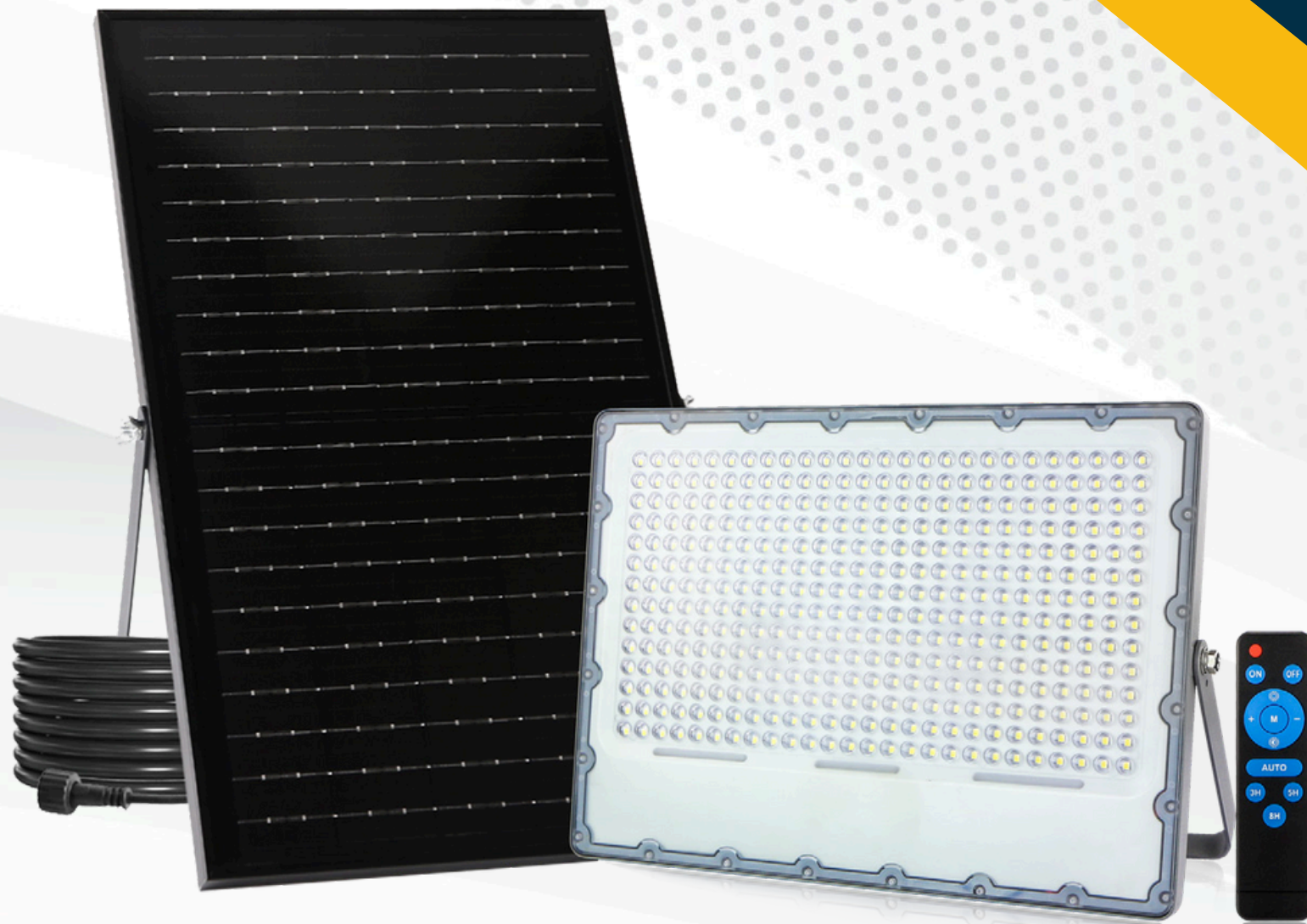




LET'S BUILD A BRIGHTER, GREENER FUTURE
ONE STREET AT A TIME!



SK SERIES & SH SERIES



SK SERIES

Solar Flood Light

All in Two | Die casting Alu



Specifications

Model	SK-50	SK-100	SK-200	SK-300	SK-400	SK-500
Led Power	500lm	1100lm	1800lm	2500lm	3200lm	3800lm
LED Qty	96pcs	160pcs	273pcs	273pcs	345pcs	345pcs
Mono Solar Panel	8W / 5V	15W / 5V	20W / 5V	30W / 5V	40W / 5V	50W / 5V
Sensor	No sensor & have power display					
LiFePO4 Battery	6AH 3.2V	15AH 3.2V	25AH 3.2V	30AH 3.2V	40AH 3.2V	50AH 3.2V
Cable Length	3 m					
Mounting Height	1-2 m	2-3 m	2-3 m	3-4 m	4-5 m	5-6 m

Project Case

backyards, car parks, parks garden areas, and horse areas, Basketball court, garage.



SH SERIES

Solar Flood Light

All in Two | ABS Plastic



Specifications

Model	SH-50	SH-100	SH-200	SH-300	SH-400	SH-500
Led Power	750lm	1000lm	1500lm	2000lm	2500lm	3000lm
LED Qty	30pcs	60pcs	60pcs	160pcs	160pcs	250pcs
Mono Solar Panel	6W / 5V	8W / 5V	10W / 5V	15W / 5V	20W / 5V	25W / 5V
Sensor	No sensor & have power display					
LiFePO4 Battery	6AH 3.2V	8AH 3.2V	12AH 3.2V	16AH 3.2V	20AH 3.2V	24AH 3.2V
Cable Length	3 m					
Mounting Height	1-2 m	1-2 m	1-2 m	2-3 m	2-3 m	2-3 m

Project Case

backyards, car parks, parks garden areas, and horse areas, Basketball court, garage.



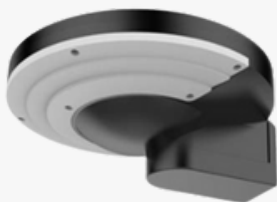


SOLAR WALL LIGHT



SOLAR WALL LIGHT

Solar Outdoor Wall & Porch Lights



W10



W01



W03



W04

Specifications

Model	W10	W01	W03	W04
Mono Solar Panel	5W/5V			
LiFePO4 Battery	3.2V/6Ah			3.2V/8Ah
Lumen Output	3W Lumileds 300lm		3W Lumileds 350lm	
CCT	3000K / 6000K			
Charging Time	3-5hours direct sunshine			
Working Time	12hrs per night 3 back up days			
Housing Of Material	aluminum +PC	diecasting aluminum +PC		
Waterproof	IP65			
Dimension	25.7*H8CM	Ø20*24cm	Ø26*30CM	Ø26*31CM

SOLAR WALL LIGHT

Solar Outdoor Wall & Porch Lights



W05



W06



W07



W08

Specifications

Model	W05	W06	W07	W08
Mono Solar Panel	4.5W/5V	5W/5V		
LiFePO4 Battery	3.2V/8Ah			
Lumen Output	3W Lumileds 350lm			
CCT	3000K / 6000K			
Charging Time	3-5hours direct sunshine			
Working Time	12hrs per night 3 back up days			
Housing Of Material	diecasting aluminum +PC			
Waterproof	IP65			
Dimension	Ø26*37CM	Ø23*33CM	Ø26*36CM	Ø24*32CM

SOLAR WALL LIGHT

Solar outdoor wall & porch Lights



W02



W09



W12



W13

Specifications

Model	W02	W09	W12	W13
Mono Solar Panel	5V / 5W	5V / 5W	5V / 5W	5V / 1.55W
LiFePO4 Battery	3.2V / 6Ah	3.2V / 8Ah	3.2V / 8Ah	3.2V / 2.6Ah
Lumen Output	300lm	350lm	300lm	120lm
CCT	3000K/6000K			3000K/4000K/6000K
Charging Time	3-5 hrs			
Working Time	Dusk to dawn, 2-3 autonomy days			
Housing of Material	Die-cast aluminum+PC			
Dimension	Φ 230xH275mm	Φ 240xH450mm	Φ 235x150xH130mm	Φ 100x238mm

Project Case

Garden, village, rural road, park, pathway, courtyard, plaza, school



W02



W09



W12



W13



ENERGY-EFFICIENT & COST-FREE OPERATION

- Powered entirely by sunlight – no electricity bills.
- Zero energy consumption from the grid.





SOLAR BOLLARD LIGHT



SOLAR BOLLARD LIGHT

A Full Range Of Bollard and Lawn Lamps



SOLAR BOLLARD LIGHT

A Full Range Of Bollard and Lawn Lamps



Specifications

Model	B01-40/60/80		B03-35/65/85	B04-35/65/85	B05-60/80
Mono Solar Panel	5W/5V				
LiFePO4 Battery	3.2V/6Ah	3.2V/8Ah			
Lumen Output	3W Lumileds 300lm	3W Lumileds 350lm			
CCT	3000K / 6000K				
Charging Time	3-5hours direct sunshine				
Working Time	12hrs per night 3 back up days				
Housing Of Material	diecasting aluminum +PC				
Waterproof	IP65				
Dimension	Ø20*H40/60/80CM	Ø26*H35/65/85CM	Ø26*H35/65/85CM		

Specifications

Model	B06-40/60/80/100		B07-50/75	B08-45/75	B10-60/80/100	B11-50/75
Mono Solar Panel	5W/5V		3W/5V		4.5W/5V	5W/5V
LiFePO4 Battery	3.2V/6Ah	3.2V/8Ah	3.2V/3Ah		3.2V/6.4Ah	3.2V/8Ah
Lumen Output	2W Lumileds 250lm					3W Lumileds 350lm
CCT	3000K / 6000K					
Charging Time	3-5hours					
Working Time	12hrs per night 3 back up days					
Housing Of Material	diecasting aluminum +PC					
Waterproof	IP65					
Dimension	Ø23.5*H40/60/80/100CM	Ø26*50/75CM	Ø21*45/70CM		Ø25.7*H40/60/80/100CM	Ø26*50/70CM



SOLAR BOLLARD LIGHT

A full range of bollard and lawn lamps



B02



B09



B12



B13

Specifications

Model	B02-30/60/80	B09-45/75	B12-60/80/100	B13-80
Mono Solar Panel	5V / 5W	5V / 5W	5V / 5W	5V / 1.55W
LiFePO4 Battery	3.2V / 6Ah	3.2V / 8Ah	3.2V / 8Ah	3.2V / 2.6Ah
Lumen Output	300lm	350lm	300lm	120lm
CCT	3000K/6000K			3000K/4000K/6000K
Charging Time	3-5 hrs			
Working Time	Dusk to dawn, 2-3 autonomy days			
Housing of Material	Die-cast aluminum+PC			
Dimension	Φ 230xH300/600/800mm	Φ 240xH450/750mm	Φ 257xH60/80/100mm	Φ 100xH800mm

Project Case

Garden, village, rural road, park, pathway, courtyard, plaza, school



B01



B09



B12



B13



BRIGHTEN PATHWAYS WITH STYLE!

•.....•
Our Solar Bollard Lights combine modern design with eco-friendly technology—lighting up gardens, driveways, and landscapes with zero electricity cost.



SOLAR POST TOP LIGHT



SOLAR POST TOP LIGHT

Post top solar luminaires range



Specifications

Model	P06	P09	P10	P16
Mono Solar Panel	5V / 20W	5V / 45W	5V / 45W	5V / 33W
LiFePO4 Battery	3.2V / 20Ah	3.2V / 45Ah	3.2V / 60Ah	3.2V / 45Ah
Lumen Output	1800lm	2500lm	4000lm	3000lm
CCT	3000 / 6000K			
Charging Time	5-6hrs			
Working Time	Dusk to dawn, 2-3 autonomy days			
Housing Material	Die-cast aluminum+PC			
Dimension	Φ 480xH410mm	Φ 560x560H230mm	Φ 580x580H255mm	Φ 585xH550mm

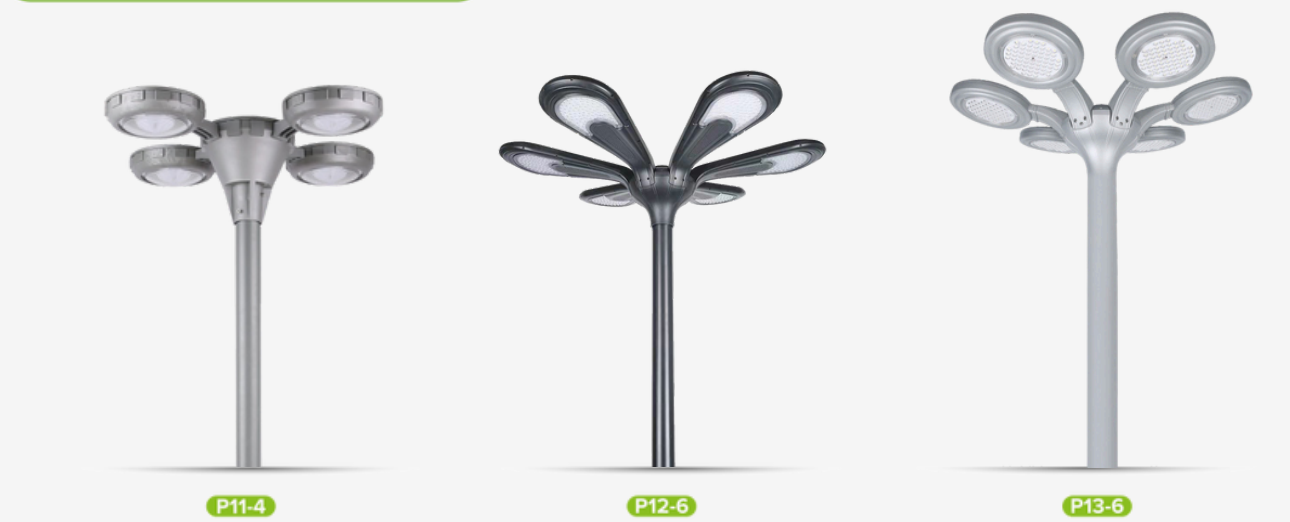
Project Case

Garden, village, rural road, park, pathway, courtyard, plaza, school



SOLAR POST TOP LIGHT

Post top solar luminaires range



Specifications

Model	P11-4	P12-6	P13-6
Mono Solar Panel	5V / 35W	5V / 96W	5V / 66W
LiFePO4 Battery	3.2V / 40Ah	3.2V / 120Ah	3.2V / 80Ah
Lumen Output	3500lm	4649lm	2755lm
CCT	3000 / 6500K		
Charging Time	5-6hrs		
Working Time	Dusk to dawn, 2-3 autonomy days		
Housing Material	Die-cast aluminum+PC		
Dimension	Φ 1070xH300mm	Φ 1660xH435mm	Φ 1260xH390mm

Project Case

Garden, village, rural road, park, pathway, courtyard, plaza, school



SOLAR POST TOP LIGHT

Post Top Solar Luminaires Range



P17



P18-1



P18-2



P08

Specifications

Model	P17	P18-1	P18-2	P08
Mono Solar Panel	20W/5V			25W/5V
LiFePO4 Battery	lithium battery 3.2V/20AH			3.2V/36Ah
Light color	pure white/warm white			
Housing Of Material	die-cast aluminum			diecasting aluminum +PC
Waterproof	IP65			
Ambient temperature	50/-20°C			
CCT				3000K / 6000K
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			

SOLAR POST TOP LIGHT

Post Top Solar Luminaires Range



P07



P05



P04



P03-1

Specifications

Model	P07	P05	P04	P03-1
Mono Solar Panel	20W/5V	28W/5V	25W/5V	16W/5V
LiFePO4 Battery	3.2V/20Ah	3.2V/36Ah	3.2V/30Ah	3.2V/16Ah
Housing Of Material	diecasting aluminum +PC			
Waterproof	IP65			
CCT	3000K / 6000K			
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			

SOLAR POST TOP LIGHT

Post Top Solar Luminaires Range



P03-2



P02-1



P02-2



P01

Specifications

Model	P03-2	P02-1	P02-2	P01
Mono Solar Panel	25W/5V	12W/5V	20W/5V	20W/5V
LiFePO4 Battery	3.2V/30Ah	3.2V/12Ah	3.2V/20Ah	3.2V/20Ah
Led light	12W Lumileds 1600lm	10W Lumileds 1000lm	12W Lumileds 1600lm	12W Lumileds 1600lm
Housing Of Material	diecasting aluminum +PC			
Waterproof	IP65			
CCT	3000K / 6000K			
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			
Dimeter	Ø53xH49cm	32x32xH32cm	53xH49cm	Ø48xH40cm

SOLAR POST TOP LIGHT

Post Top Solar Luminaires Range



P11-2



P11-3



P13-3



P12-3

Specifications

Model	P11-2	P11-3	P13-3	P12-3
Mono Solar Panel	20W/5V	28W/5V	33W/5V	48W/5V
LiFePO4 Battery	3.2V/20Ah	3.2V/30Ah	3.2V/45Ah	3.2V/60Ah
Led light	10W x 2 head=20W 1500lm	10W x 3 head =30W 3000lm	15W 1377lm	20W 2324lm
Housing Of Material	diecasting aluminum +PC			
Waterproof	IP65			
CCT	3000K / 6000K			
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			
Dimeter	Ø107xH30cm	Ø96xH30cm	1260mm*H390mm	1660*H435MM



SOLAR PILLAR LIGHT



SOLAR PILLAR LIGHT



SP03



SP04



SP05



SP06

Specifications

Model	SP03	SP04	SP05	SP06
Mono Solar Panel	5W/5V	5W/5V	5W/5V	5W/5V
LiFePO4 Battery	3.2V/8Ah	3.2V/8Ah	3.2V/8Ah	3.2V/8Ah
Led light	3W Lumileds 350lm	3W Lumileds 350lm	3W Lumileds 350lm	3W Lumileds 350lm
Housing Of Material	diecasting aluminum +PC			
Waterproof	IP65			
CCT	3000K / 6000K			
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			
Dimeter	Ø26*10.5*25CM	Ø26*10.5*25CM	Ø24*12*37CM	Ø26*12*28CM

SOLAR PILLAR LIGHT



SP07



SP08



SP09



SP10

Specifications

Model	SP07	SP08	SP09	SP10
Mono Solar Panel	5W/5V	10W/5V	5W/5V	
LiFePO4 Battery	3.2V/8Ah	3.2V/12Ah	3.2V/8Ah	3.2V/8Ah
Led light	3W Lumileds 350lm	3W Lumileds 350lm	3W Lumileds 350lm	3W Lumileds 350lm
Housing Of Material	diecasting aluminum +PC			
Waterproof	IP65			
CCT	3000K / 6000K			
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			
Dimeter	Ø26*12*33CM	Ø30*18.5*H34CM	Ø26*12*28CM	Ø26*12*31CM

SOLAR PILLAR LIGHT



SP11



SP13



SP12

Specifications

Model	SP11	SP12	SP13	
Mono Solar Panel	2W/5V	2W/5V	2W/5V	
LiFePO4 Battery	3.2V/3Ah	3.2V/3Ah	3.2V/3Ah	
Led light	1W Lumileds 150lm	1W Lumileds 150lm	1W Lumileds 150lm	
Housing Of Material	ABS +PC	diecasting aluminum +PC		
Waterproof	IP65			
CCT	3000K / 6000K			
Charging time	3-5hours direct sunshine			
Working time	12hrs per night 3 back up days			
Dimeter	Ø16*9*H20cm	Ø18.5*10*H22.5cm	Ø18.5*10*H22.5cm	

SOLAR PILLAR LIGHT



SP14



SSL-10



SSL-20

Specifications

Model	SP14	SSL-10	SSL-20
Mono Solar Panel	2W/5V	11W/5V	11W/5V
LiFePO4 Battery	3.2V/3Ah	3.2V/10Ah	3.2V/10Ah
Led light	1W Lumileds 150lm	300pcs led light 600lm	600pcs led light 1200lm
Housing Of Material	diecasting aluminum +PC		
Waterproof	IP65		
CCT	3000K / 6000K		
Charging time	3-5hours direct sunshine		
Working time	12hrs per night 3 back up days		
Dimeter	Ø18.5*10*H22.5cm	-	-
Strip Length	-	10m	20m



BRIGHTEN YOUR SPACES WITH SOLAR ELEGANCE!

•.....•

Upgrade your outdoors with our stylish Solar Pillar Lights – a perfect blend of beauty, brightness, and sustainability. Powered by the sun, these lights automatically charge by day and glow beautifully by night, adding a warm and secure charm to your garden, pathways, gates, and pillars.



STEEL POLE FOR SOLAR GARDEN LIGHT USE



STEEL POLE FOR SOLAR GARDEN LIGHT USE



3M-2 SECTION

Specifications

- 3M Steel pole for solar post top light installation in showroom
- upper diameter 76MM
- Bottom diameter 114MM
- 4 style each style 2pcs (For P Series)

STEEL POLE FOR SOLAR GARDEN LIGHT USE



3M-3 SECTION

Specifications

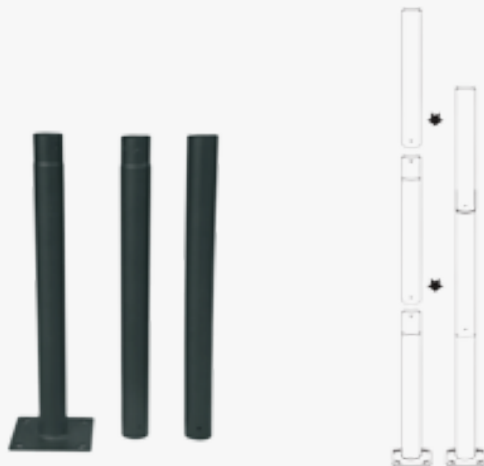
- 3M Steel pole for solar post top light installation in showroom
- upper diameter 76MM
- Bottom diameter 114MM



3M-2 SECTION

Specifications

- 3M Steel pole for solar post top light installation in showroom
- upper diameter 76MM
- Bottom diamter 220MM
- 6 style each style 2pcs (For P Series)

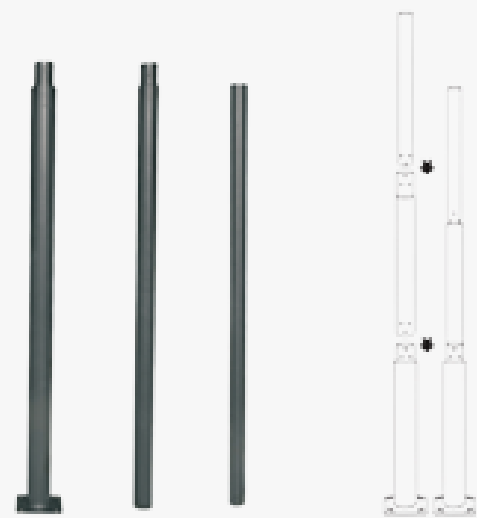


3M-3 SECTION

Specifications

- 3M Steel pole for solar street light installation in showroom
- upper diameter 76MM
- Bottom diamter 76MM

STEEL POLE FOR SOLAR STREET LIGHT USE



3M-3 SECTION

Specifications

- 3M Steel pole for solar street light installation in showroom
- upper diameter 76MM
- Bottom diamter 140MM (For REAL Series)

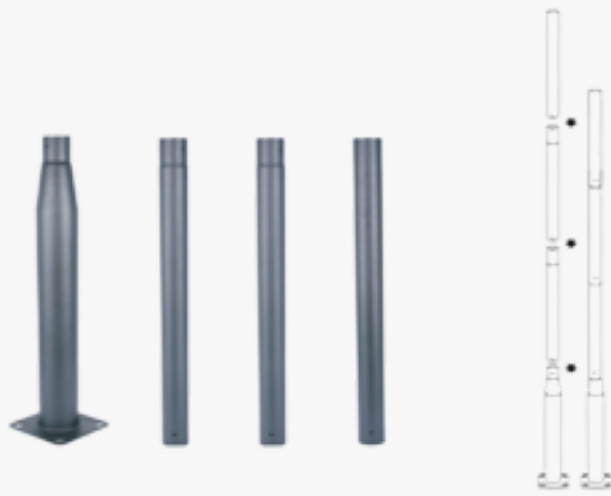
STEEL POLE FOR SOLAR STREET LIGHT USE



3M-3 SECTION

Specifications

- 3M Steel pole for solar street light installation in showroom
- upper diameter 76MM+10mm 50mm
- Bottom diamter 114MM (for FL FC)



3M-3 SECTION

Specifications

- 3M Steel pole for solar street light installation in showroom
- upper diameter 76MM+10mm 60MM
- Bottom114 diamter 114MM (for FL FC)



FB-X



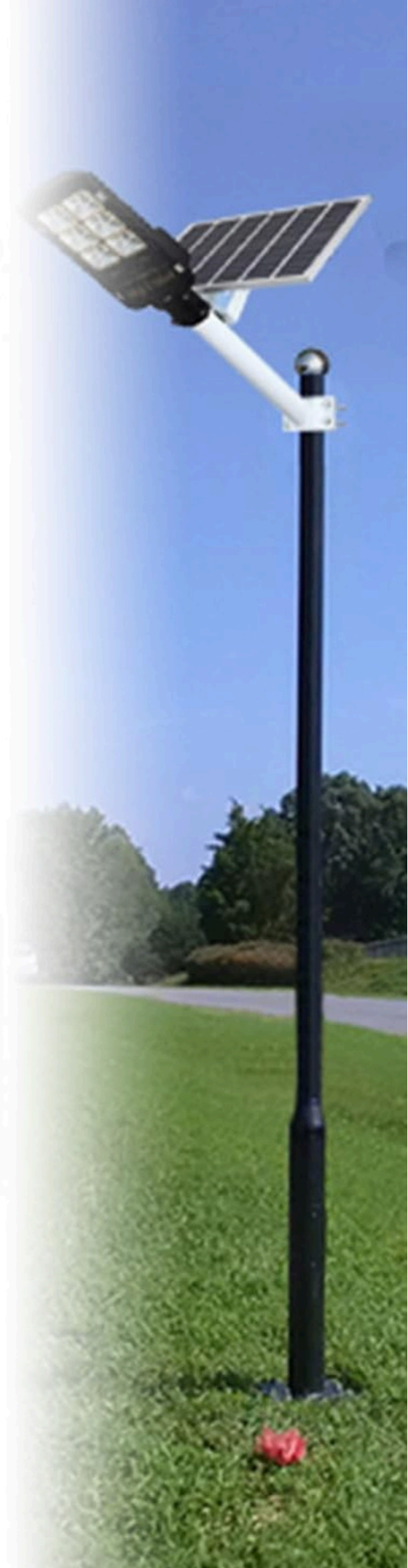
FB-S

- Iron Cross base with mounting screws (for solar garden light)

- Iron plate base with mounting screws(for solar street light)

Illuminate your outdoors with our Durable Steel Garden Light Poles – designed to blend strength with elegance.

- Rust-resistant & weatherproof for long-lasting performance.
- Sleek modern design that enhances garden beauty.
- Sturdy construction for safe and reliable lighting.





SPlicing POLE GARDEN LIGHT



SPLICING POLE GARDEN LIGHT



260CM

Specifications

- 2.6M pole with 3pcs solar lamp, head, Standard Spec, 3000K



260CM

Specifications

- 2.6M pole with 2pcs solar lamp, head, Standard Spec, 3000K



260CM

Specifications

- 2.6M pole with 3pcs solar lamp, head, Standard Spec, 3000K

SPLICING POLE GARDEN LIGHT



260CM

Specifications

- 2.6M pole with 2pcs solar lamp, head, Standard Spec, 3000K



260CM

Specifications

- 2.6M pole with 3pcs solar lamp, head, Standard Spec, 3000K



260CM

Specifications

- 2.6M pole with 3pcs solar lamp, head, Standard Spec, 3000K

SPLICING POLE GARDEN LIGHT



100CM

Specifications

- 1M pole with 1pcs solar lamp, head, Standard Spec, 3000K



210CM

Specifications

- 2.1M pole with 1pcs solar lamp, head, Standard Spec, 3000K



100CM

Specifications

- 1M pole with 1pcs solar lamp, head, Standard Spec, 3000K

SPLICING POLE GARDEN LIGHT



160CM

Specifications

- 2.1M pole with 1pcs solar lamp, head, Standard Spec, 3000K



200CM

Specifications

- 2.1M pole with 1pcs solar lamp, head, Standard Spec, 3000K



GARDEN LIGHT STEEL POLE

Specifications

- Name: Garden light steel pole
- Material: galvanized iron
- Thickness: 1.5MM
- Specifications: 114*76MM
- Flange: 220*220*8MM
- Color: sand black
- Ground cage: 16*16*H30CM With Expansion screws



- Ground cage: 16*16*H30CM



- Spliced light pole, Q235 steel 1.5 thickness

SOLAR & LED STREET LIGHTS



ABS SOLAR STREET LIGHT WITHOUT ARM



Specifications (ZL16-300)

- Solar Panel: 5V/20W
- Battery: 20Ah 3.2V With sensor
- With sensor
- CCT: 6000K
- color: white/ Grey

Specifications (ZL16-400)

- Solar Panel: 5V/25W
- Battery: 25Ah 3.2V
- With sensor
- CCT: 6000K
- color: white/ Grey

ABS SOLAR STREET LIGHT WITH ARM



Specifications (ZL19400W)

- Solar Panel: 5V/30W
- Battery: 20Ah 3.2V
- With sensor
- CCT: 6000K
- Color:black

Specifications (ZL19600W)

- Solar Panel: 5V/35W
- Battery: 25Ah 3.2V
- With sensor
- CCT: 6000K
- Color: black

ALL DIE CASTING ALU SOLAR STREET LIGHT



Specifications

Model	RE-150 (2025 New)	RE-120 (2025 New)
Mono Solar Panel	150W 36V	120W 18V
LiFePO4 Battery	45Ah 25.6V	75Ah 12.8V
Led light	120-150W	80W-120W
CCT	6000K	

- It is depends project , not a fixed distance
- You can install 9-10m height pole distance 20-25m



FLYING CRANE SERIES

Solar Street Light

All In One | Rotatable



Specifications

Model	FC-10	FC-20	FC-30	FC-40	FC-50	FC-60
Lumen	2000lm	4000lm	6000lm	8000lm	9000lm	10800lm
CCT	2200-6000K					
Solar Panel (Monocrystalline)	40W / 18V	50W / 18V	65W / 18V	80W / 18V	105W / 18V	120W / 18V
LiFePO4 Battery (high temperature resistance)	10AH / 12.8V	12AH / 12.8 V	18AH / 12.8 V	24AH / 12.8V	30AH / 12.8 V	36AH / 12.8 V
Microwave sensor	√					
Mounting Height Range	4-5 m	5-6 m	6-8 m	7-9 m	8-10 m	9-10 m
Installation Distance Range	10-13 m	16-19 m	19-23 m	20-25 m	26-30 m	31-36 m

Project Case

Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



FLYING CRANE SERIES

Solar Street Light

All In One | Rotatable



Specifications

Model	FC-10	FC-20	FC-30	FC-40	FC-50	FC-60
Lumen	2000lm	4000lm	6000lm	8000lm	9000lm	10800lm
CCT	2200-6000K					
Solar Panel (Monocrystalline)	40W / 18V	50W / 18V	65W / 18V	80W / 18V	105W / 18V	120W / 18V
LiFePO4 Battery (high temperature resistance)	10AH / 12.8V	12AH / 12.8 V	18AH / 12.8 V	24AH / 12.8V	30AH / 12.8 V	36AH / 12.8 V
Microwave sensor	√					
Mounting Height Range	4-5 m	5-6 m	6-8 m	7-9 m	8-10 m	9-10 m
Installation Distance Range	10-13 m	16-19 m	19-23 m	20-25 m	26-30 m	31-36 m

Project Case

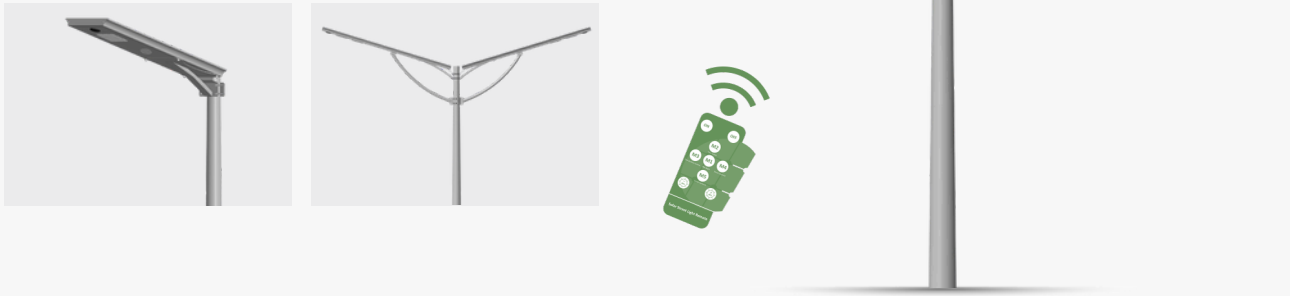
Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



FL SERIES

Solar Street Light

All In One | Bracket version



Specifications

Model	FL-20	FL-40	FL-60	FL-80	FL-100	FL-120
Lumen	3000-3200 lm	6000-6400 lm	9000-9600 lm	12000-12800lm	15000-16000 lm	18000-19200lm
CCT	5000 K (3000k-6000k are optional)					
Solar Panel (Monocrystalline)	50 W/18 V	70 W/18 V	90 W/18 V	110 W/18 V	130 W/18 V	150 W/18 V
Lithium Battery	18 AH/12.8 V	24 AH/12.8 V	36 AH/12.8 V	48 AH/12.8 V	54 AH/12.8 V	60 AH/12.8V
Microwave sensor	√					
Mounting Height Range	5-6 m	6-7 m	8-9 m	9-10m	10-11 m	10-12 m
Installation Distance Range	3-16 m	16-19 m	23-27 m	27-31m	30-35 m	35-40m

Project Case

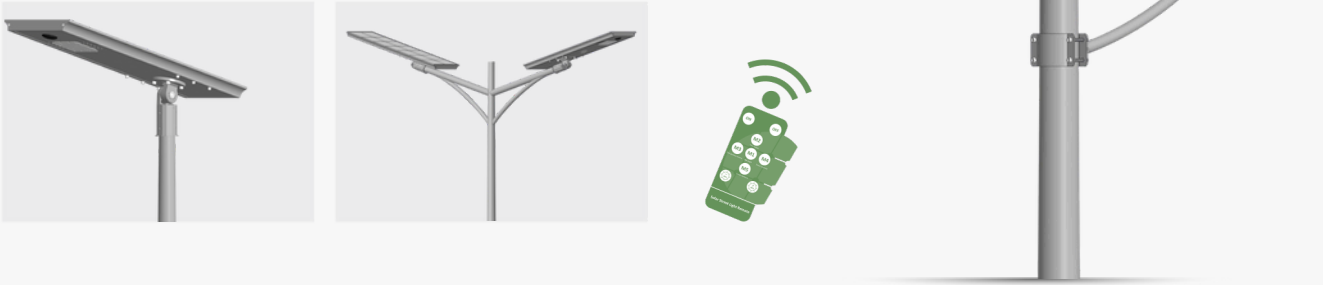
Highway, Rural streets, Parks, Campuses, Residential, Community Center, Public areas, Plazacar park Industrial park, etc.



FL SERIES

Solar Street Light

All In One | Rotatable sleeve



Specifications

Model	FL-20	FL-40	FL-60	FL-80	FL-100	FL-120
Lumen	3000-3200lm	6000-6400 lm	9000-9600 lm	12000-12800lm	15000-16000 lm	18000-19200lm
CCT	6000 K (3000k/4000k as optional)					
Solar Panel (Monocrystalline)	50 W/18V	70 W/18 V	90 W/18 V	110 W/18 V	130 W/18 V	150 W/18 V
Lithium Battery	18 AH/12.8 V	24 AH/12.8 V	36 AH/12.8 V	48 AH/12.8 V	54 AH/12.8 V	60 AH/12.8V
Microwave sensor	√					
Mounting Height Range	5-6 m	6-7 m	8-9 m	9-10m	10-11 m	10-12 m
Installation Distance Range	13-16m	16-19 m	23-27 m	27-31m	30-35 m	35-40m

Project Case

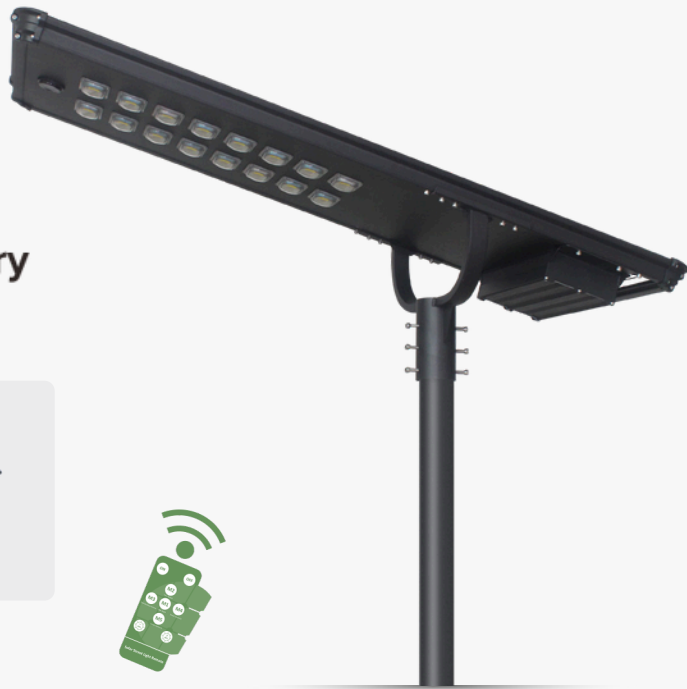
Highway, Rural streets, Parks, Campuses, Residential, Community Center, Public areas, Plazacar park Industrial park, etc.



THOR SERIES

Solar Street Light

All In One | Detachable Battery



Specifications

Model	TH-60	TH-80	TH-100	TH-120	TH-150	TH-200
Led Power	60W	80W	100W	120W	150W	200W
Lumen Output	9600-10800lm	12800-14400lm	16000-18000lm	19200-21600lm	24000-27000lm	32000-36000lm
Mono Solar panel	90 W/18V	110 W/18 V	130 W/18 V	140 W/18V	180 W/36V	210 W/36V
Controoler & Sensor	MPPT & Microwave					
LiFePO4 Battery	36AH/12.8V	48AH/12.8V	54AH/12.8V	30AH/25.6V	36AH/25.6V	42AH/25.6V
Mounting Hight	6-8m	7-9m	8-10m	9-10m	10-12m	11-12m
Mounting Distance	20-30m	30-35m	30-35m	35-40m	35-40m	35-40m

Project Case

Highway, Rural streets, Parks, Campuses, Residential, Community Center, Public areas, Plazacar park Industrial park, etc.



DELTA SERIES

Solar Street Light

All In One | Auto-cleaning



Specifications

Model	DE-40	DE-60	DE-80	DE-100	DE-120
Led Power	40W	60W	80W	100W	120W
Lumen Output	4000lm	7800lm	11280lm	15200lm	19000lm
Mono Solar panel	45W/18V	60W/18V	80W/18 V	100W/18V	100W/18V
Controoler & Sensor	MPPT & Microwave				
LiFePO4 Battery	18AH/12.8V	30AH/12.8V	42AH/12.8V	54AH/12.8V	60AH/12.8V
Mounting Hight	5-7m	7-9m	8-10m	9-11m	10-12m
Mounting Distance	13-19m	21-27m	24-30m	27-33m	35-40m

Project Case

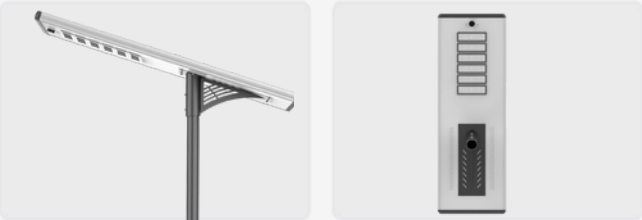
Highway, Rural streets, Parks, Campuses, Residential, Community Center, Public areas, Plazacar park Industrial park, etc.



MHL SERIES

Solar Street Light

All In One | 210LM/W



Specifications

Model	MHL-40	MHL-60	MHL-80	MHL-100	MHL-120
Led Power	40W	60W	80W	100W	120W
LED Qty	96pcs	144pcs	144pcs	192pcs	192pcs
Mono Solar panel	60W/18V	80W/18V	90W/18V	130W/36V	170W18V
Controoler & Sensor	Smart MPPT Solar Charge Controller				
LiFePO4 Battery	15AH/12.8V	30AH/25.6V	45AH/12.8V	45AH/12.8V	60AH/12.8V
Mounting Hight	5-6m	6-7m	7-8m	8-9m	9-10m
Mounting Distance	15-20m	20-25m	25-30m	25-30m	30-35m

Project Case

Highway, Rural streets, Parks, Campuses, Residential, Community Center, Public areas, Plazacar park Industrial park, etc.



MHL SERIES

Solar Street Light

All In One | Super High Power



Specifications

Model	MHL-150	MHL-200	MHL-250	MHL-300	MHL-400
Led Power	150W	200W	250W	300W	400W
LED Qty	240pcs	240pcs	384pcs	480pcs	576pcs
Mono Solar panel	180W/18V	200W/36V	250W/36V	320W/36V	400W/36V
Controoler & Sensor	Smart MPPT Solar Charge Controller				
LiFePO4 Battery	75AH/12.8V	45AH/25.6V	60AH/25.6V	75AH/25.6V	90AH/25.6V
Mounting Hight	10-12m	10-12m	10-12m	10-12m	10-12m
Mounting Distance	35-40m	35-40m	35-40m	35-40m	35-40m

Project Case

Highway, Rural streets, Parks, Campuses, Residential, Community Center, Public areas, Plazacar park Industrial park, etc.

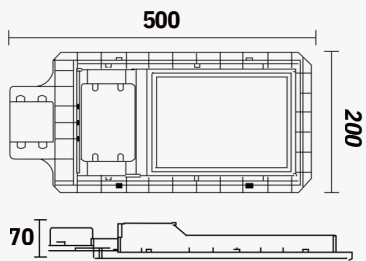


KD SERIES

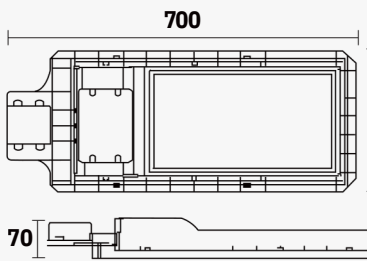
KD All In One Solar LED Light Spec

- KD all in one solar led street light is an integrated solar lighting system to provide high brightness performance for residential application. It can be easily mounted to wall or on poles. Or can be used for camping light with mobile pole. It is completely different from the traditional models on market. Its fixture is aluminum die casting instead of plastic which helps to extend the lifetime of whole system greatly. It can survive high temperature or very challenging environment like very sandy and hot areas as gulf countries.

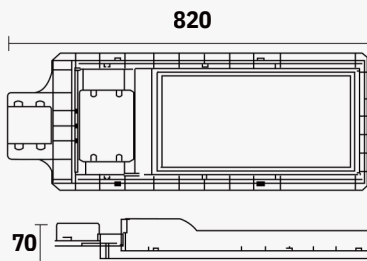
- All in one structure, easy for installation.
- Ultra brightness with more led chip, up to 150lm.
- Aluminium die casting body, challenging weather proof.
- High quality finishing for high-end distribution market.
- Microwave sensor optional to save more energy.



KD-60



KD-120

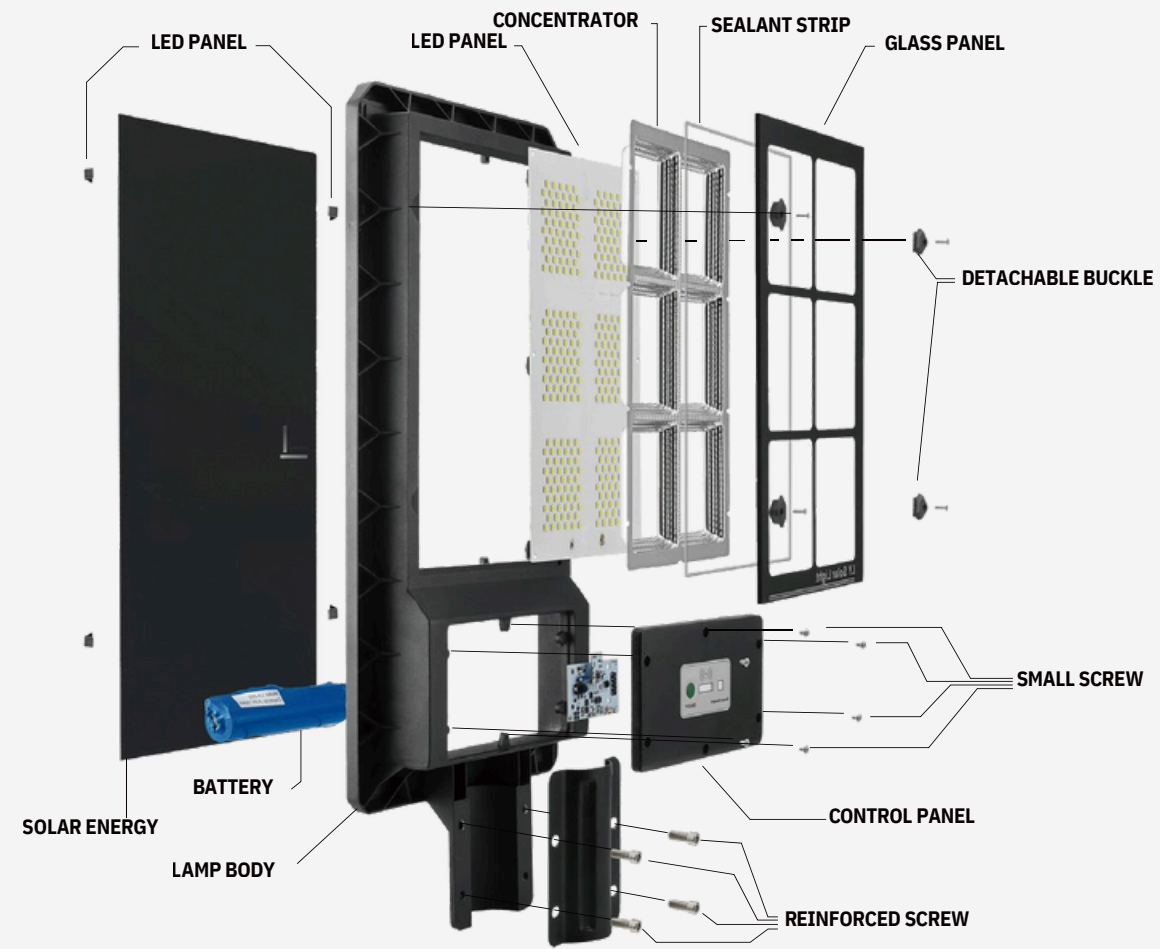


KD-180

Specification

			
Model No.	KD-60	KD-120	KD-180
Led Chip Rated Power	12W	20W	30W
Luminous Flux (lm)	800lm (6000k)	1600lm (6000k)	2250lm (6000k)
Equal to halogen light	60W	120W	180W
LED Qty & Led Chip Brand	SMD5054 138pcs (LG Chip)	SMD5054 300pcs (LG Chip)	SMD5054 396pcs (LG Chip)
Lamp Dimensions	500x200x70mm	700x265x70mm	830x290x70mm
Mono Solar panel	12W 5V	20W 5V	30W 5V
LiFePO4 Battery	12000mah 3.2V	24000mah 3.2V	30000mah 3.2V
Installation Height	3-5 meters	4-7 meters	5-8 meters
Housing Material	Aluminium die casting		
Battery Lifespan	> 2000 Cycles times		
Installation Pole Diameter	Dia 50 / 60mm		
Working Mode	Light + Time + sensor control		
Charging Time	6 hrs		
Discharging Time	>24hrs		
Working Temp	-150°C-+70°C		
IP Rating	IP65		

Details



Application

Small paths in viages, garden, parks,



KD SERIES

Solar Street Light

All In One



- KD-180: installation distance: 10-15m

Project Case

Courtyard, Rural streets, Garage, Plaza park, Farms, Emergency exit



KC SERIES

Solar Street Light

All In One | Modern



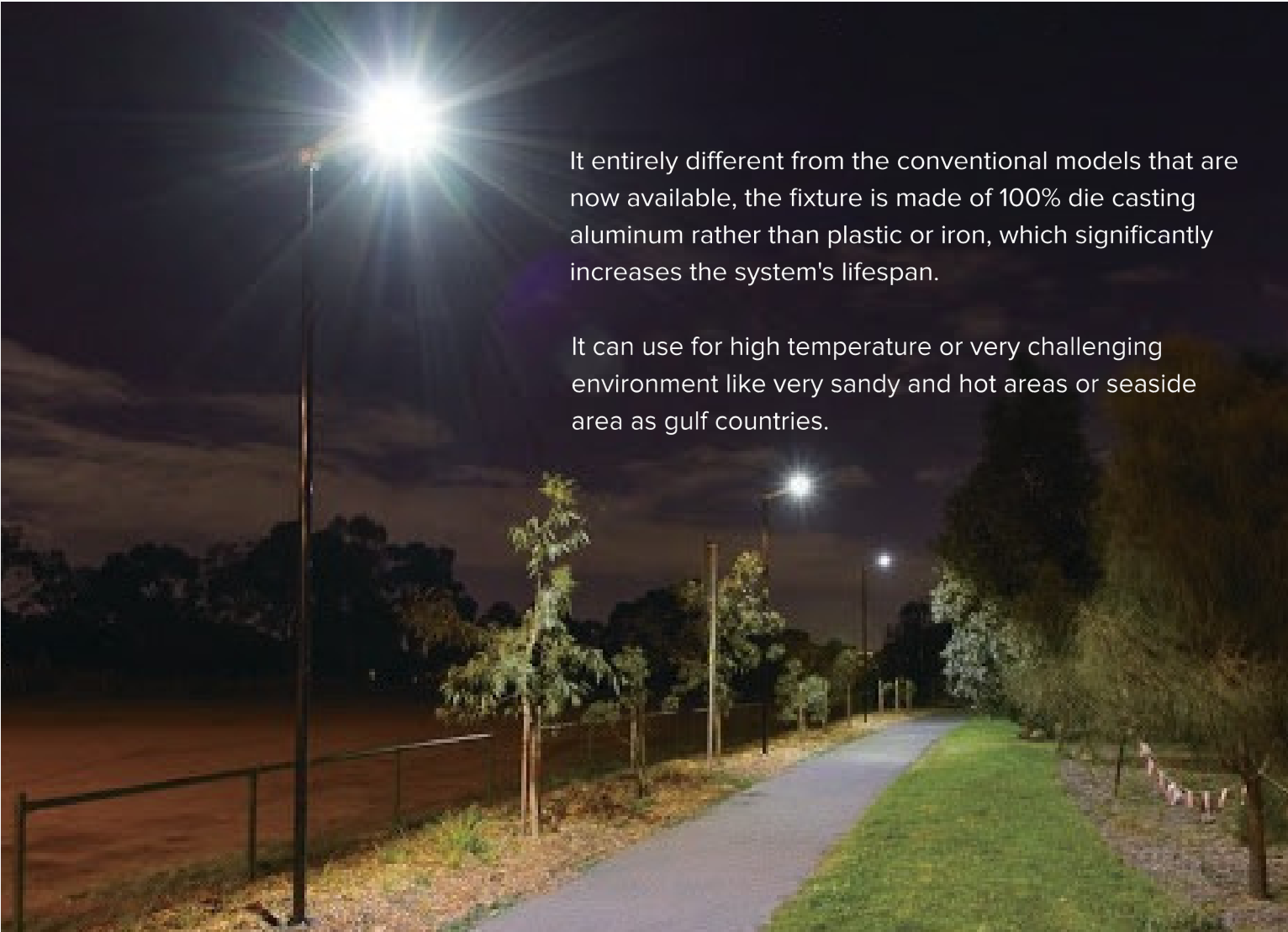
Project Case

Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



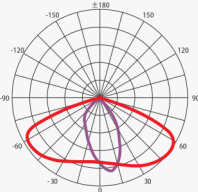
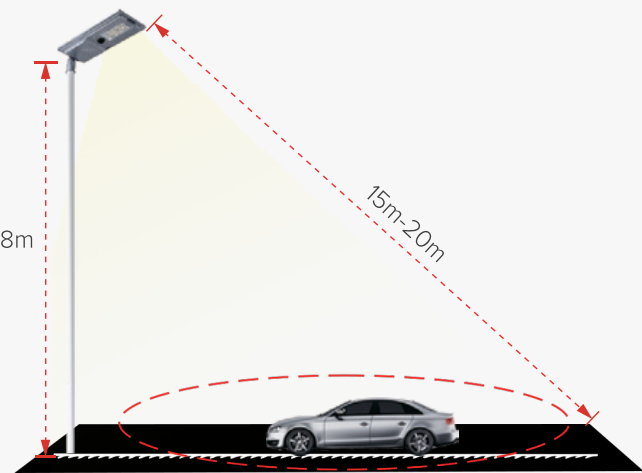
All In One Solar Powered Street Light

KC all in one solar led street light is an 2024 New Design integrated solar lighting system for outdoor lighting application with a high brightness performance.



It entirely different from the conventional models that are now available, the fixture is made of 100% die casting aluminum rather than plastic or iron, which significantly increases the system's lifespan.

It can use for high temperature or very challenging environment like very sandy and hot areas or seaside area as gulf countries.



Energy Saving Design



Highly Uniformity Design



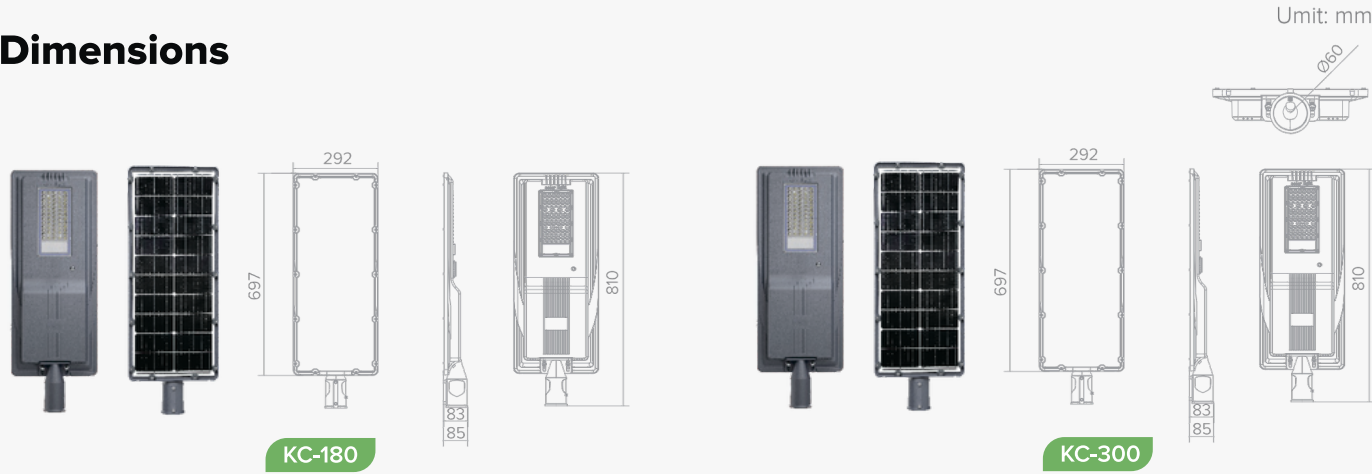
Cut-off Angle Design



Specification & Packages

Model No.	KC-180	KC-300
Luminous Flux(lm)	3000lm	6000lm
Equal to halogen light	180W	300W
LED Qty & Led chip brand	80pcs SMD5054	200pcs SMD5054
CCT	3000K-6000K (default 6000K)	
Light Distribution	150° x 70°	
Mono Solar Panel	32W 5V	60W 5V
Solar Panel Size	664x264mm	875x353mm
LiFePO4 Battery	30AH 3.2V	60AH 3.2V
Lamp Dimensions	810x292x85mm	1010x380x86mm
Installation Height	5-6meters	6-8meters
Installation distance	10-15meters	15-20meters
Installation Pole Top Diameter	Dia 50/60mm	
Housing Material	100% Die Casting Aluminium	
Battery Lifespan	> 2000 Cycles times	
PIR/ Microwave Sensor	Optional (default no)	
Working mode	Light+time+ sensor control	
Charging time	6 hrs	
Discharging time	>24hrs	
Lifespan	>50,000hrs	
Working temp	-15 ℃ -+65 ℃	
IP rating	IP65	

Dimensions



Packages

Model No.	Power	Carton size	Weight	QTY	20GP	40GP	40HQ
KC-180	180W	825x300x115mm	4.05KG	1/PCS	1393PCS	2885PCS	3382PCS
KC-300	300W	108x430x130mm	9.4KG	1PCS	464PCS	961PCS	1126PCS



FC SERIES

Solar Street Light

All In Two | Microwave Sensor



Specifications

Model	FC-10	FC-20	FC-30	FC-40	FC-50	FC-60
Lumen	2000lm	4000lm	6000lm	8000lm	9000lm	10800lm
CCT	2400-6000K					
Solar Panel (Monocrystalline)	40W / 18V	50W / 18V	60W / 18V	80W / 18V	100W / 18V	120W / 18V
LiFePO4 Battery (high temperature resistance)	10AH / 12.8V	12AH / 12.8 V	18AH / 12.8 V	24AH / 12.8V	30AH / 12.8 V	36AH / 12.8 V
Microwave sensor	√					
Mounting Height Range	4-5 m	5-6 m	6-8 m	7-9 m	8-10 m	9-10 m
Installation Distance Range	10-13 m	16-19 m	19-23 m	20-25 m	26-30 m	31-36 m

Project Case

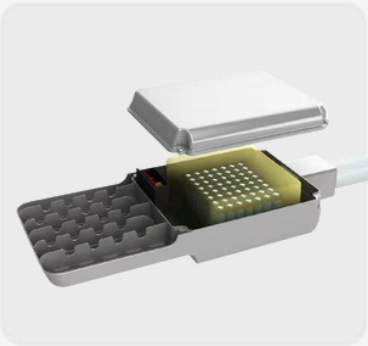
Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



GM SERIES

Solar Street Light

All In Two | Inbulit battery



Specifications

Model	GM-20	GM-30	GM-40	GM-60	GM-80	GM-100	GM-120	GM-150
Lumen	3600lm	5400lm	7200lm	10800lm	14400lm	18000lm	21600lm	27000lm
CCT	3000K / 6000K							
Solar Panel (Monocrystalline)	50W / 18V	60W / 18V	80W / 18V	120W / 36V	160W / 36V	200W / 36V	250W / 36V	300W / 36V
LiFePO4 Battery	18AH / 12.8V	24AH / 12.8 V	30AH / 12.8 V	42AH / 12.8 V	24AH / 25.6V	30AH / 25.6 V	36AH / 25.6V	42AH / 25.6V
Working temperature	-20 C~65 C							
LED brand & qty	Brdgelux 5050				50pcs			
Lighting time	12hrs per night, 3-5 back up rainy days							

Project Case

Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



FC SERIES

Solar Street Light

Split Type | Sensor



Specifications

Model	FC-30	FC-40	FC-50	FC-60	FC-80	FC-100
Led Power	30W	40W	50W	60W	80W	100W
Lumen	2000lm to 16000lm					
CCT	2200K to 6000K					
Light distribution	Type 2 / 3 / 4					
Solar panel	40W to 400W					
LiFePO4 Lithium battery	customzied (up to 120Ah 25.6V / 3072WH)					
Sensor	Optional					

Project Case

Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



R7 SERIES

Solar Street Light

Split type / Customzied



Specifications

Model	R7-30	R7-50	R7-60	R7-80	R7-100	R7-120	R7-150	R7-180	R7-200	R7-250	R7-300
Led Power	30W	50W	60W	80W	100W	120W	150W	180W	200W	250W	300W
Lumen output	150lm/w / 160lm/w / 170lm/w / 180lm/w as optional										
CCT	Warm white 3000K/ Nature white 5000K / Cold white 6000K as optional										
Light distribution	60°/ 90°/120° / T2M/ T3M/T4M /T5M										
Led chip brand	Philips 3030 / bridgelux 5050 as optional										
Mono solar panel	60W to 500W										
LiFePO4 Lithium battery	max to 100Ah 25.6V /2560WH										
Control Mode	light control + time control, working mode customzied										
Sensor	No Sensor										
Working temperature	-20 C -65 C										

Project Case

Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



FC SERIES

LED Street Light

AC Power



Specifications

Model	FC-30	FC-40	FC-50	FC-60	FC-80	FC-100
Led Power	30W	40W	50W	60W	80W	100W
Voltage	AC100V-240V 50/60HZ					
Lumen	2000lm to 16000lm					
CCT	2200K to 6000K					
Light distribution	Type 2 / 3 / 4					
Led chip brand	Bridgelux 5050 / Philips 5050					
Driver brand	Meanwell /Songseng/ Inventronics/Done					
Light sensor	as optional					
Working temperature	-20 C-65 C					

Project Case

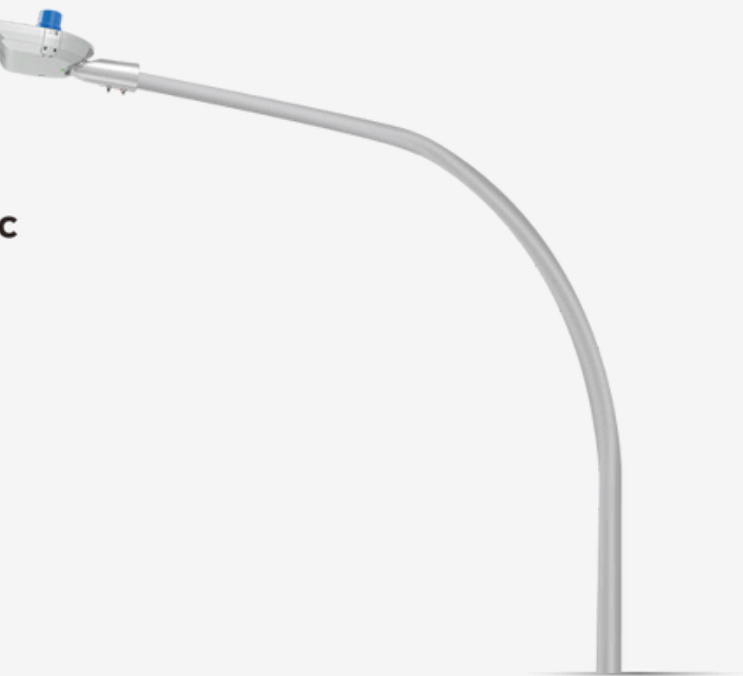
Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.



R7 SERIES

LED Street Light

Split Type | Customized spec

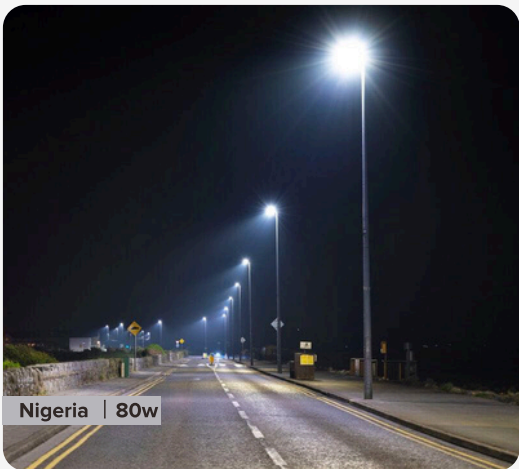


Specifications

Model	R7-30	R7-50	R7-60	R7-80	R7-100	R7-120	R7-150	R7-180	R7-200	R7-250	R7-300
Led Power	30W	50W	60W	80W	100W	120W	150W	180W	200W	250W	300W
Voltage	AC100V-240V 50/60HZ										
Lumen output	150lm/w / 160lm/w / 170lm/w / 180lm/w as optional										
CCT	Warm white 3000K/ Nature white 5000K / Cold white 6000K as optional										
Light distribution	60°/ 90°/120° : T2M/ T3M/T4M :T5M										
Led chip brand	Philips 3030 / bridgelux 5050 as optional										
Driver brand	Meanwell / Songseng/ Inventronics										
Light Sensor	As optionl										
Working temperature	-20 C-65 C										

Project Case

Street, country lan, park road, farm, plaza, residential area, parking lot, construction site, industrial park.

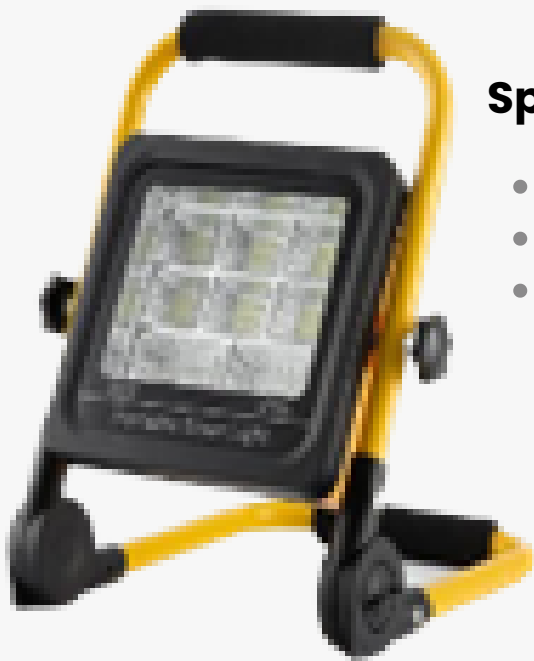




SOLAR FLOOD LIGHT



ABS PLASTIC PORTABLE SOLAR FLOOD LIGHT



Specifications (SOS-Small 50W)

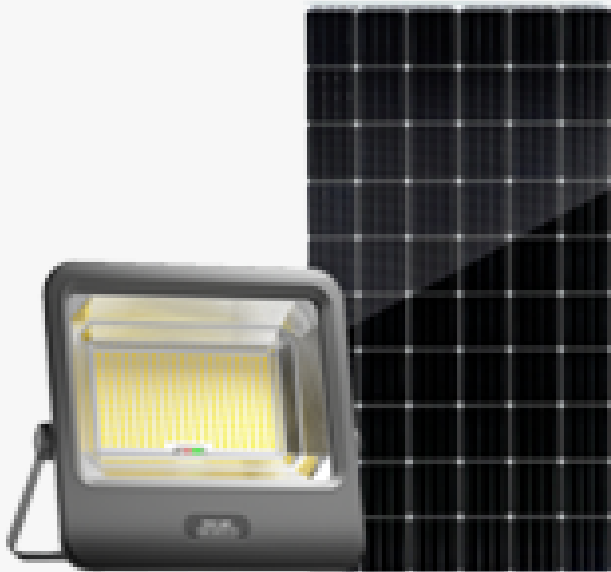
- Panel 5V/2W
- 6Ah 3.7V Battery
- Standard Spec & 3 working brightness



Specifications (SOS-Big 100W)

- Panel 5V/5W
- Battery 10Ah 3.7V
- Standard Spec & 3 working brightness

ABS SOLAR FLOOD LIGHT



XL-1-50	XL-1-100	XL-1-200	XL-1-300	XL-1-400	XL-1-500	XL-1-600
• Solar panel: mono 6V 3W • Battery: 3.2V/3AH	• Solar panel: mono 6V 8W • Battery: 3.2V/4AH	• Solar panel: mono 6V 10W • Battery: 3.2V/5AH	• Solar panel: mono 6V 15W • Battery: 3.2V/8AH	• Solar panel: mono 6V 18W • Battery: 3.2V/12AH	• Solar panel: mono 6V 25W • Battery: 3.2V/18AH	• Solar panel: mono 6V 30W • Battery: 3.2V/24AH

ARM



- ARM FOR MOUNTING



SOLAR FAN

SOLAR FAN



Specifications (ZL-168 16 inches)

- Power: 15w
- Motor: brushed motor
- Solar panel: 9V/15w Monocrystalline silicon
- Solar panel size: 350*290mm
- Battery capacity: ternary lithium battery 7.4v/4*3000mAh



Specifications (ZL-198 16 inches)

- Power: 20w
- Motor: brushed motor
- Solar panel: 9V/20w Monocrystalline silicon
- Solar panel size: 350*400mm
- Battery capacity: ternary lithium battery 7.4v/6*3000mAh



Specifications (ZL-118 12 inches)

- Power: 20w (plastic blades)
- Motor: brushed motor
- Solar panel: 9V/15w Monocrystalline silicon
- Solar panel size: 350*290mm
- Battery capacity: ternary lithium battery 7.4v/4*3000mah

SOLAR FAN



Specifications (ZL-WS-118F 12 inches)

- Power: 25w (aluminum blades)
- Motor: Brushless
- Solar panel: 15V/20w Monocrystalline silicon
- Solar panel size: 350*400mm
- Battery capacity: ternary lithium battery 11.1V/6*3000mAh



Specifications (ZL-WS-118F 14 inches)

- Power: 25w (aluminum leaf)
- Motor: Brushless
- Solar panel: 15V/25w Monocrystalline silicon
- Solar panel size: 350*450mm
- Battery capacity: ternary lithium battery 11.1V/9*3000mAh



Specifications (ZL-WS-118F 16 inches)

- Power: 25w (aluminum leaf)
- Motor: Brushless
- Solar panel: 15V/30w Monocrystalline silicon
- Solar panel size: 350*530mm
- Battery capacity: ternary lithium battery 11.1V/12*3000mAh



WHIRLWIND SERIES, SUNWRAP SERIES

WHIRLWIND SERIES

Solar Lighting Pole

All in One | Square

Beautify cities, campus, parks and residential areas

LED: 60W
Battery: 36AH 25.6V
PV: 400W 36V
Height: 8m

LED: 40W
Battery: 48AH 12.8V
PV: 240W 18V
Height: 6m

LED: 20W
Battery: 24AH 12.8V
PV: 180W 18V
Height: 3.3m-4m-5m



Application areas

City center

- Commercial plaza
- Shopping mall
- Landmark
- Sidestreet

Park

- Pedestrian crossing
- Cycle path & footpath
- Landscape

Residential area

- Residential street
- Pedestrian crossing
- Cycle path & footpath
- Roundabout

Campus

- Cycle path & footpath
- Parking area

SUNWRAP SERIES

Solar Lighting Pole

2024
New

All in One | Cylindrical

Beautify cities, highway, main road, campus, parks and residential areas.



4m



5m



6m



8m



9m



10m



12m

SOLAR PANEL



Reliable Products
Tested and Proven

IEC61215/IEC61730
ISO 9001: Environment Mangement System
ISO 14001: Environment Management System



Introducing the all new range of ENERGY-efficient mono-crystalline & polysilicon solarpanels from the

Maximum Energy Yield
Generates more energy than conventional modules
Due to superior performance cells with EVA layers,
and anti-reflective coated glass.

Long Lasting Value
25-Year linear performance warranty.
10-Year limited product warranty.

Versatile Applications
Suitable for wide applications such as ground
power stations, fishing harbor, farm lighting and
roof tops etc.

All Weather Solution
Reliable performance in high temperature,
high humidity,salt Mist and ammonia
resistant dust and sand resistant.

Monocrystalline Solar Module 36 Cells

series (10-200W)



Product Advantages

Tier 1 supplier for every component
Strict quality control
Automatic assembly line

- 1 GLASS
- 2 EVA
- 3 SOLAR CELL
- 4 EVA
- 5 BACKSHEET
- 6 FRAME
- 7 JUNCTION BOX AND CABLE WITH CONNECTOR



SOLAR POWERED STREET LIGHT WITH CCTV CAMERA SOLUTION

Solar Street Light with 4G/WIFI Security 4G CCTV Camera

- ★ Solar street light plus surveillance system with inbuilt CCTV and LED running on solar and an inbuilt dimmer, LiFePO4 lithium-ion battery, and light sensor.
- ★ The remote view enabled, standalone surveillance solution are perfect in areas without network /power infrastructure. This may include black spot monitoring, on farms, or in temporary CCTV application such as construction sites or events.



Solar Street Light with Security 4G CCTV Camera

Model	FC-40-B6C	FC-60-B6C
Solar Panel	80w 18v	120w 18v
Solar Cell Efficiency	19-20% Monocrystalline silicon (Motech brand)	
LiFePO4 Battery	24ah 12.8v /307.2wh	36ah 12.8v/460.8wh
Battery Lifespan	>2000times, high-temperature resistance up to 65 degree	
Dimensions	653x200x236mm	653x200x236mm
Installation Height	7-9 meters	8-9meters
Installation Distance	26-30 meters	31-36 meters
Pole Diameter	φ 60mm	
NW	15.8kg	17.5kg
Street /Area Light		
Light Module	40w Bridgelux Led	60w Bridgelux Led
Lumen Output	8000lm (200lm/w)	10800lm 200lm/w)
Light Characterlstics	150x70 TYPE II beam angle 6000K cool white 50.000hrs rated lifespan	
Motion Detection	Microwave motion senosr, 8-15m range (at 10m height)	
Working Time	Dusk to dawn, 1-5 back up rainy days	
Motion Detection	Microwave motion senosr, 8-15m range (at 12m height)	
Light adjustment	270 ° adjustable head help the lighting go where you want	
Working Hrs	Dusk to dawn for lamp, 24hrs for camera	
Housing Material	All die-casting alu with 316 screws, anti-corrsion	

All in One Solar Street Light with Security CCTV Camera (WIFI/4G)



- ★ All in one solar street light plus surveillance system with inbuilt CCTV and LED running on solar and an inbuilt dimmer, LiFePO4 lithium-ion battery, and light sensor.
- HeiSolar's standalone SOLAR CCTV Lighting system is an ideal solution for Parking Lots, Street Lighting, Highway Lighting, Security
- ★ Perimeter Lighting,
- ★ Hospital Lighting, Bridge Lighting, Airport Lighting, Industrial Lighting & practically everywhere, provides a wireless surveillance system combined with outdoor lighting alongside security.



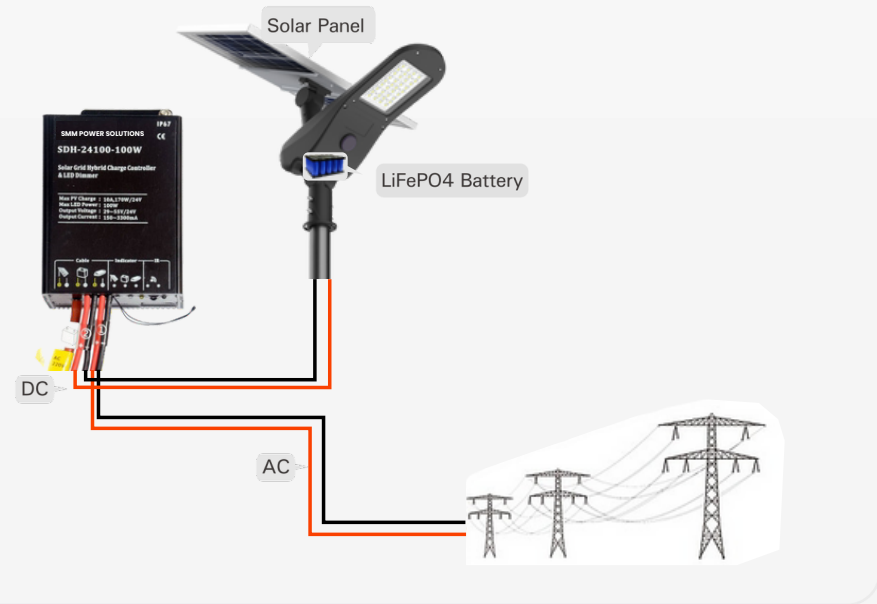
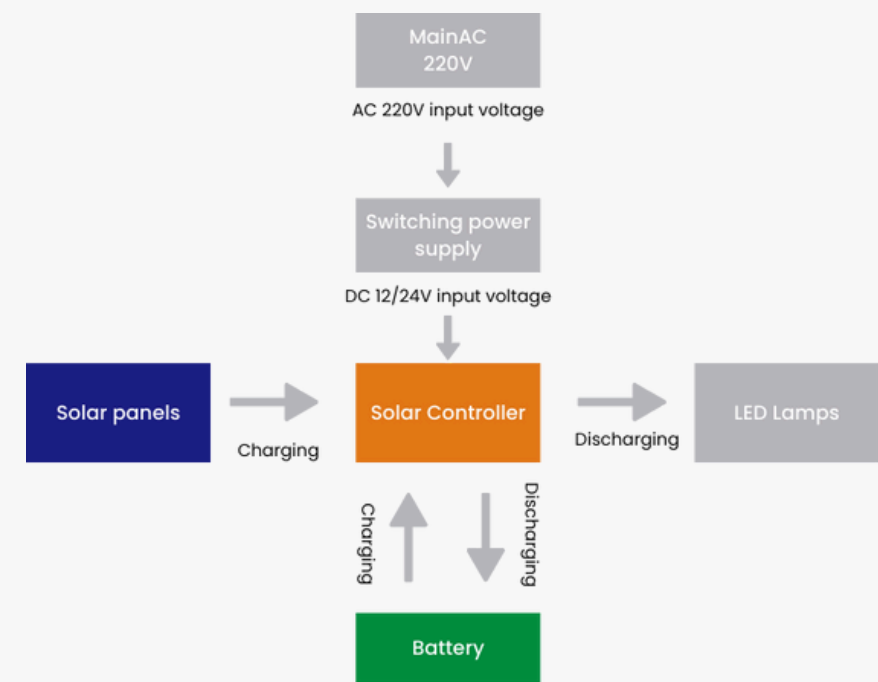
FL All in One Solar Street Light with Security CCTV Camera

Model	FL-40	FL-60	FL-80	FL-100
Panel type	70w 18v	100w 18v	120w 18v	140w 18v
LiFePO4 Battery	24ah 12.8v / 307.2wh	36ah 12.8v / 460.8wh	48ah 12.8v / 614.4wh	54ah 12.8v / 691.2wh
Lumen Output	6000lm	9000lm	12000lm	15000lm
Solar Cell Efficiency	19-20% Monocrystalline silicon (Motech brand)			
Battery Lifespan	>2000times, high-temperature resistance up to 65 degree			

Solar Hybrid Powered Street Lighting Solution

Optional AC or DC input capability is here! Flying Crane Series and Thor & FL Series can be equipped with the optional Electricity Hybrid Controller, allowing the LEDs to run on either battery power or 'mains' Grid Utility Power.

The EHC will automatically switch to AC 'mains power' input when the battery power is insufficient, thereby preventing the battery from over discharging.



Solar-Wind Hybrid LED Street Light Solution

Takes solar /wind as energy source and utilizes the energy for the lighting automatically during the night.



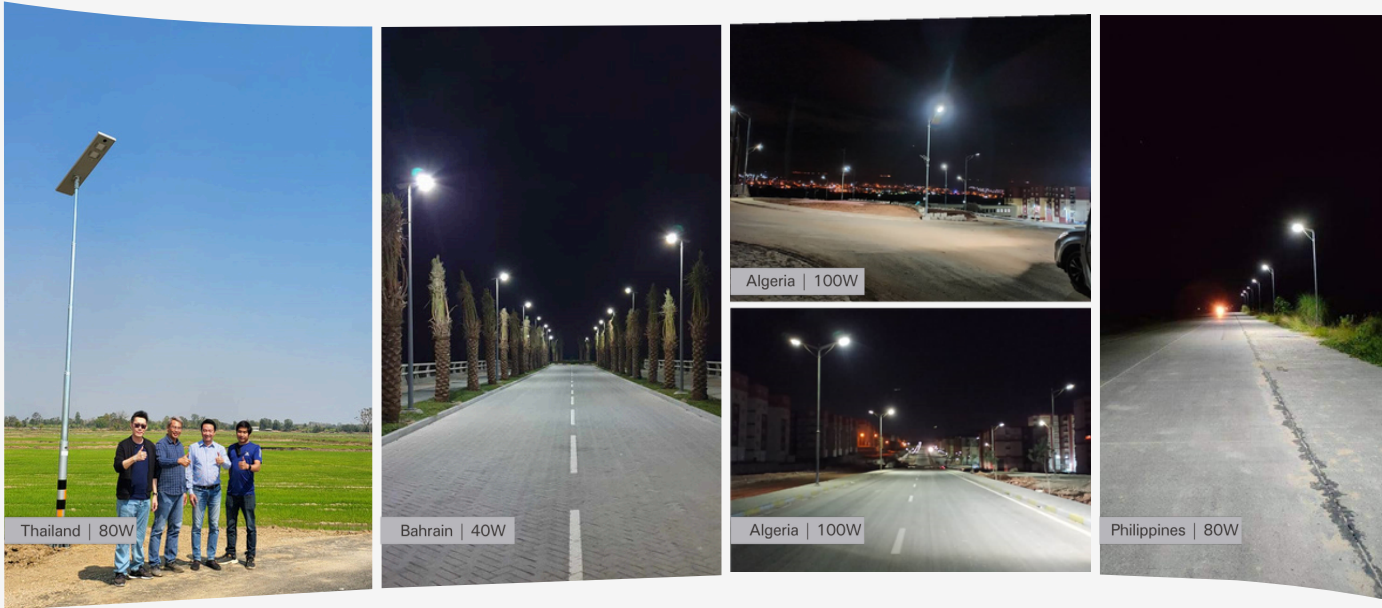
Project Case



FC Series



FL Series



THOR Series



FC Series



GM Series



R7 Series



SOLAR POST TOP LIGHT





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