

FOCUS ON SOLAR INDUSTRY FOR 17+ YEARS



SOLAR LIGHTING

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ABOUT ANERN

Anern is a high-tech manufacturer specializing in the R&D of solar applications and solar lighting, established in 2009. Anern offers a comprehensive range of solar products, focusing on providing reliable and efficient solar solutions for both residential and commercial applications worldwide. By the end of 2025, we have provided solar services to more than 150 countries and regions, and is recognized for our commitment to quality, expertise and innovation.

With a strong focus on research and development, Anern continuously strives to stay at the forefront of technological advancements in the solar industry, contributing to the global transition towards clean and sustainable energy sources.

**SOLAR SOLUTIONS
GO SOLAR WITH ANERN**



ANERN ADVANTAGES

Specialization in Solar Solutions: We specialize in providing comprehensive solar solutions tailored to meet the diverse needs of our clients. From residential to commercial applications, we offer a wide range of solar products and services designed to optimize energy efficiency and sustainability.

State-of-the-Art Production Facility: Anern boasts a state-of-the-art production base spanning over 7,000 square meters. Our facility is dedicated to research, development, and production, focusing on delivering high-quality, reliable products that exceed industry standards.

Product Innovation and Patents: With a strong focus on research and development, Anern holds more than 20 product patents in solar lighting and solar energy storage. We are committed to continuous innovation, guaranteeing the launch of 8-10 patented products every year.

Experience and Expertise: With over 17 years of experience in the green energy industry, Anern has played a significant role in the development of solar power stations and large-scale solar street lamp government projects. Our proven track record speaks volumes about our expertise and commitment to excellence.





SOLAR & LED LIGHTING

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ANERN MADE
PRODUCTS



SSL-I



SLV



SLZ2



SLX



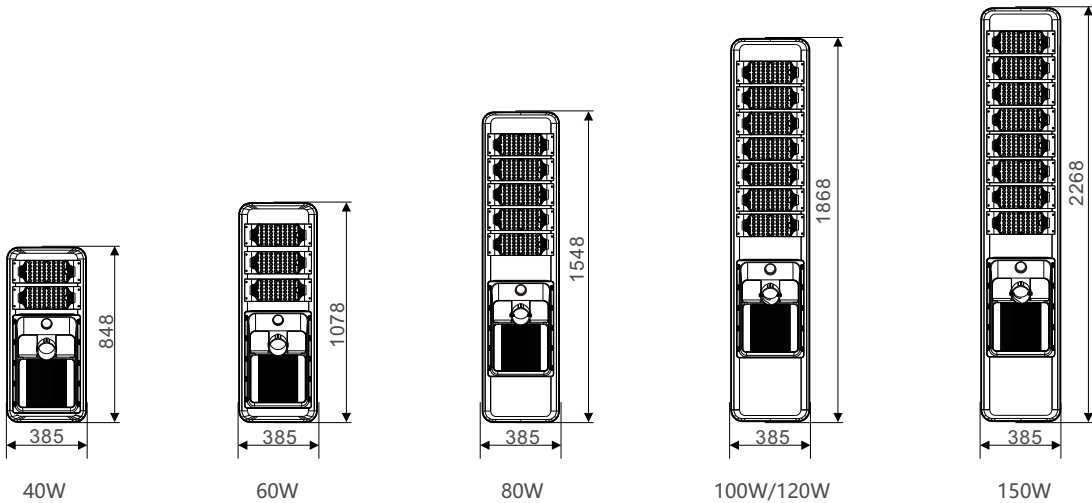
AN-SLZ

ENGINEERING LIGHTING FIRST CHOICE



Key Features

- Elegant all in one structure design, saving transportation cost, easy to install and convenient for maintenance
- 140° wide lighting angle covering wider road area
- Die-cast aluminum bracket, high mechanical strength, anti-wind resistance of level-16
- High power, enlarged capacity led module design, equipped with high-brightness LED chips, improving the brightness by 30%
- Remote control, four lighting modes for choice, flexible to switch via remote control
- Adopt high-efficiency mono solar panel and new lithium battery
- Self-developed intelligent control system, ensure the lighting time and stability



Technical Indexes

Power	40W	60W	80W	100W	120W	150W
Number of LED	96pcs	144pcs	240pcs	336pcs	336pcs	384pcs
LED Luminous	210lm/w					
Battery(LiFePO4)	192WH	576WH	768WH	768WH	960WH	1152WH
Solar Panel(Mono)	18V50W	18V80W	18V100W	18V130W	18V130W	18V160W
Solar Charge Time	8~9 hours by bright sunlight					
Lighting Time	4~5 nights					
Lighting Mode	100% light control、Time control、Microwave control、Time & Microwave control					
Size(mm)	848*385*139	1078*385*139	1548*385*139	1868*385*139	1868*385*139	2268*385*139
PIR	120°, >8m					
Material	Aluminium alloy + PMMA					
Guard Level	IP 66					
Working Temperature	-20°C to 60°C					



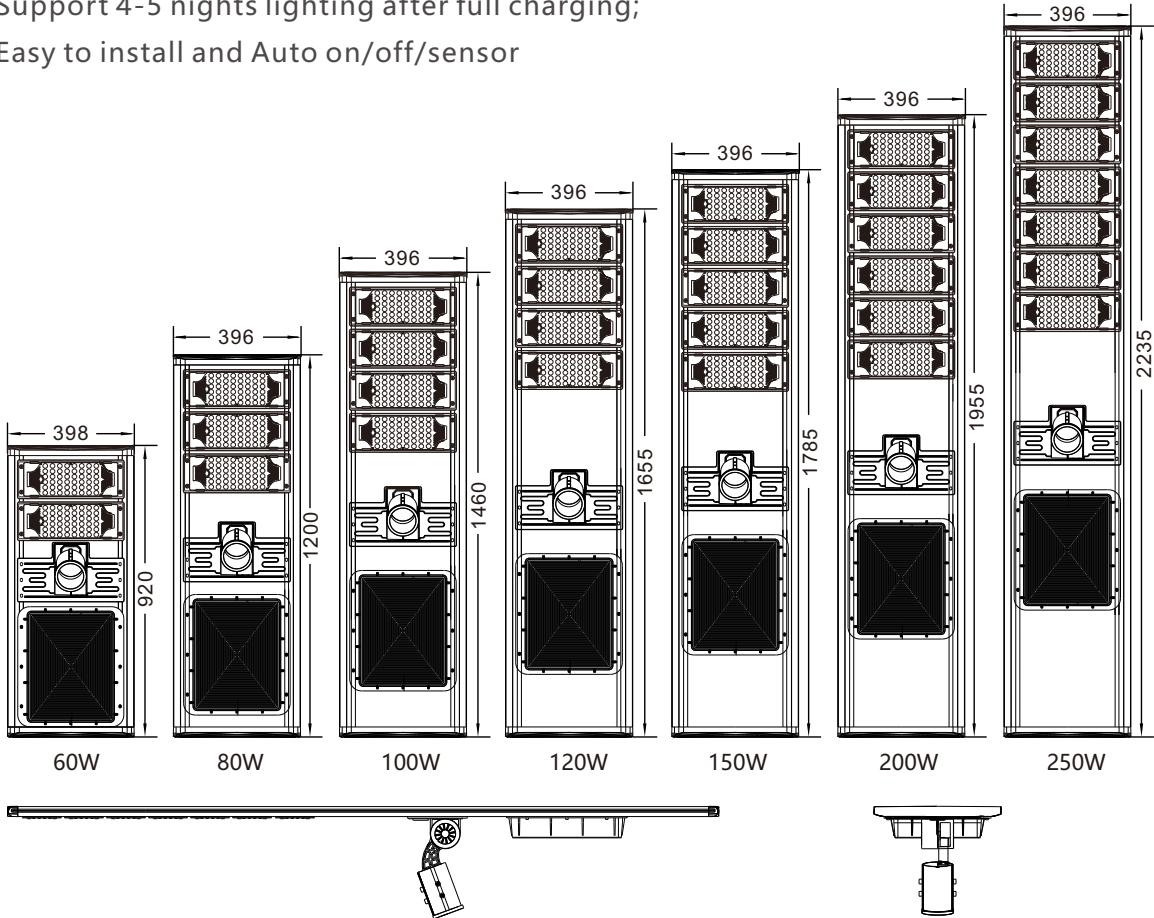
AN-SLZ2

SUITABLE FOR ALL KINDS OF APPLICATIONS



Key Features

- Elegant All-in-One Design, Aluminum alloy case;
- Adjustable angle bracket;
- Detachable battery box design;
- 140° wide lighting angle, enlarged LED module;
- Support 4-5 nights lighting after full charging;
- Easy to install and Auto on/off/sensor



Technical Indexes

Power	60W	80W	100W	120W	150W	200W	250W
Number of LED	96pcs	144pcs	192pcs	192pcs	240pcs	288pcs	336pcs
Battery(LiFePO4)	576WH	768WH	768WH	960WH	1152WH	1344WH	1536WH
Solar Panel(Mono)	70W	100W	120W	140W	150W	160W	180W
Solar Charge Time	8~9 hours by bright sunlight						
Lighting Time	3 nights						
Size(mm)	920*396*330	1200*396*330	1460*396*330	1655*396*330	1785*396*330	1955*396*330	2235*396*330
Material	Aluminium alloy + PMMA						
Guard Level	IP 66						
Working Temperature	0°C to 60°C						
Warranty	5 years						



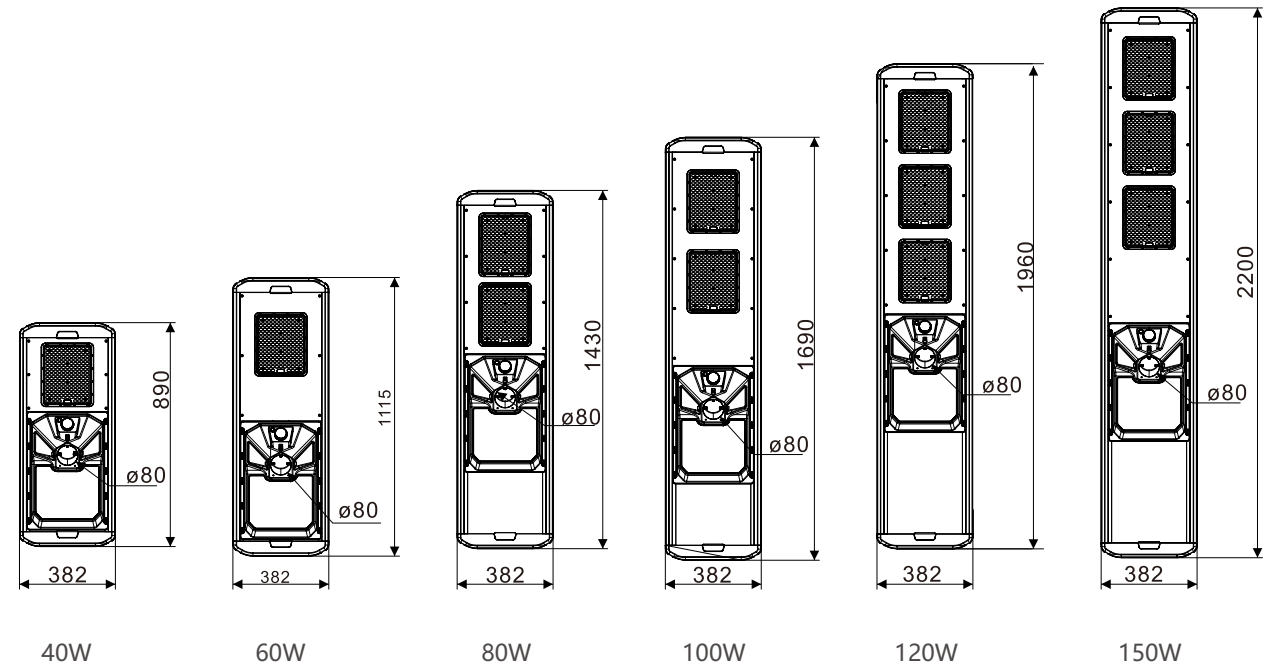
AN-SLV

ENGINEERING LIGHTING FIRST CHOICE

CE RoHS IP66 IK09

Key Features

- Elegant All-in-One Design, Aluminum alloy case;
- Photocell Control + Microwave motion sensor Control + Remote Control;
- 140° wide lighting angle, enlarged LED module;
- Support 4-5 nights lighting after full charging;
- Easy to install and Auto on/off/sensor



Technical Indexes

Power	40W	60W	80W	100W	120W	150W
Number of LED	140pcs	140pcs	280pcs	280pcs	420pcs	420pcs
LED Luminous	210lm/w					
Battery(LiFePO4)	320WH	384WH	480WH	640WH	768WH	960WH
Solar Panel(Mono)	65W	70W	90W	120W	140W	150W
Solar Charge Time	8~9 hours by bright sunlight					
Lighting Time	4~5 nights					
Lighting Mode	100% light control、Time control、Microwave control、Time & Microwave control					
PIR	120°, >8m					
Size(mm)	890*382*100	1115*382*100	1430*382*100	1690*382*100	1960*382*100	2200*382*100
Material	Aluminium alloy + PMMA					
Guard Level	IP 66					
Working Temperature	-20°C to 60°C					



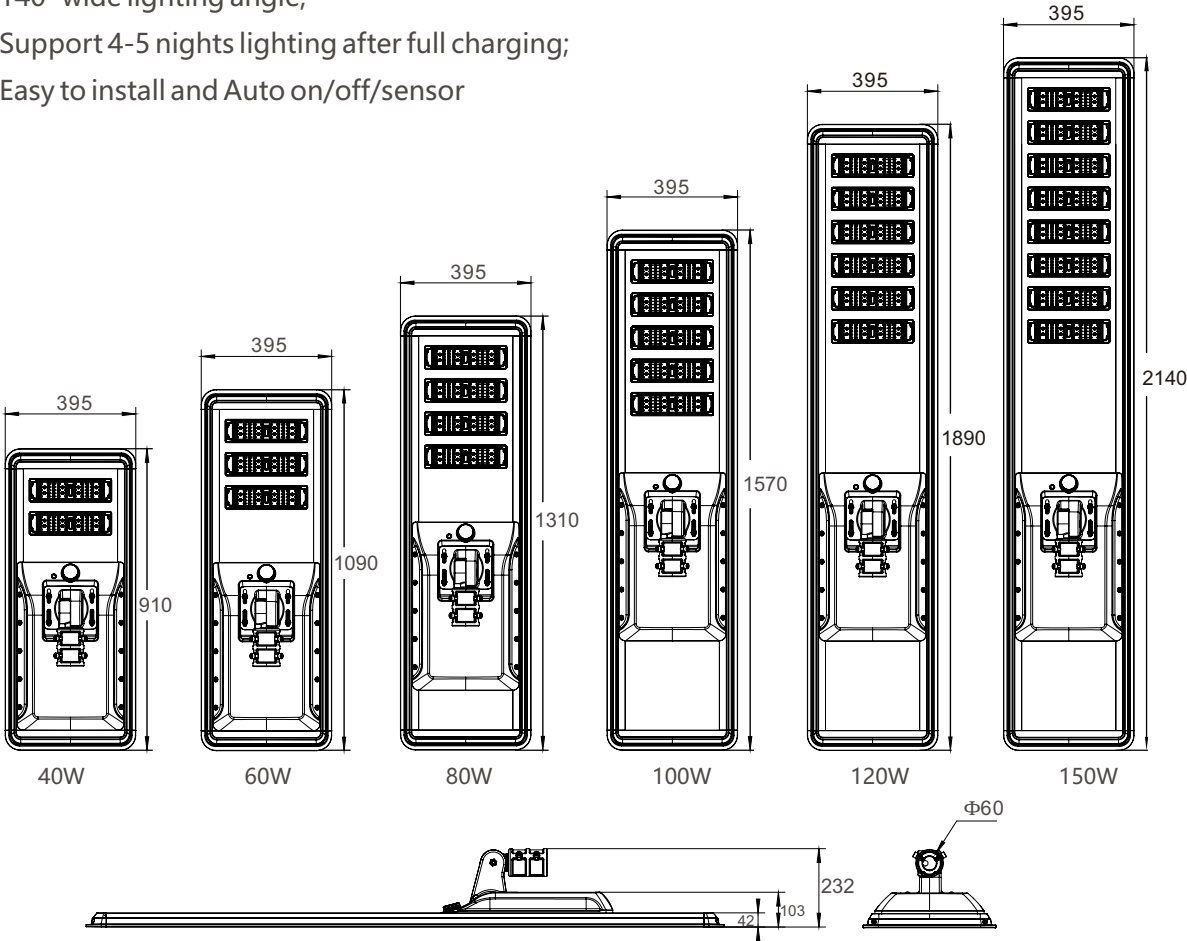
AN-SLV2

SUITABLE FOR ALL KINDS OF APPLICATIONS



Key Features

- Elegant All-in-One Design, Aluminum alloy case;
- Adjustable angle bracket;
- Photocell Control + Microwave motion sensor Control + Remote Control;
- 140° wide lighting angle;
- Support 4-5 nights lighting after full charging;
- Easy to install and Auto on/off/sensor



Technical Indexes

Power	40W	60W	80W	100W	120W	150W
Number of LED	100pcs	150pcs	200pcs	250pcs	300pcs	400pcs
Battery(LiFePO4)	320WH	384WH	480WH	640WH	768WH	960WH
Solar Panel(Mono)	70W	85W	100W	130W	150W	170W
Solar Charge Time	8~9 hours by bright sunlight					
Lighting Time	4-5 nights					
Size(mm)	910*395*103	1090*395*103	1310*395*103	1570*395*103	1890*395*103	2140*395*103
Material	Aluminium alloy + PMMA					
Guard Level	IP 66					
Working Temperature	0°C to 65°C					
Warranty	5 years					



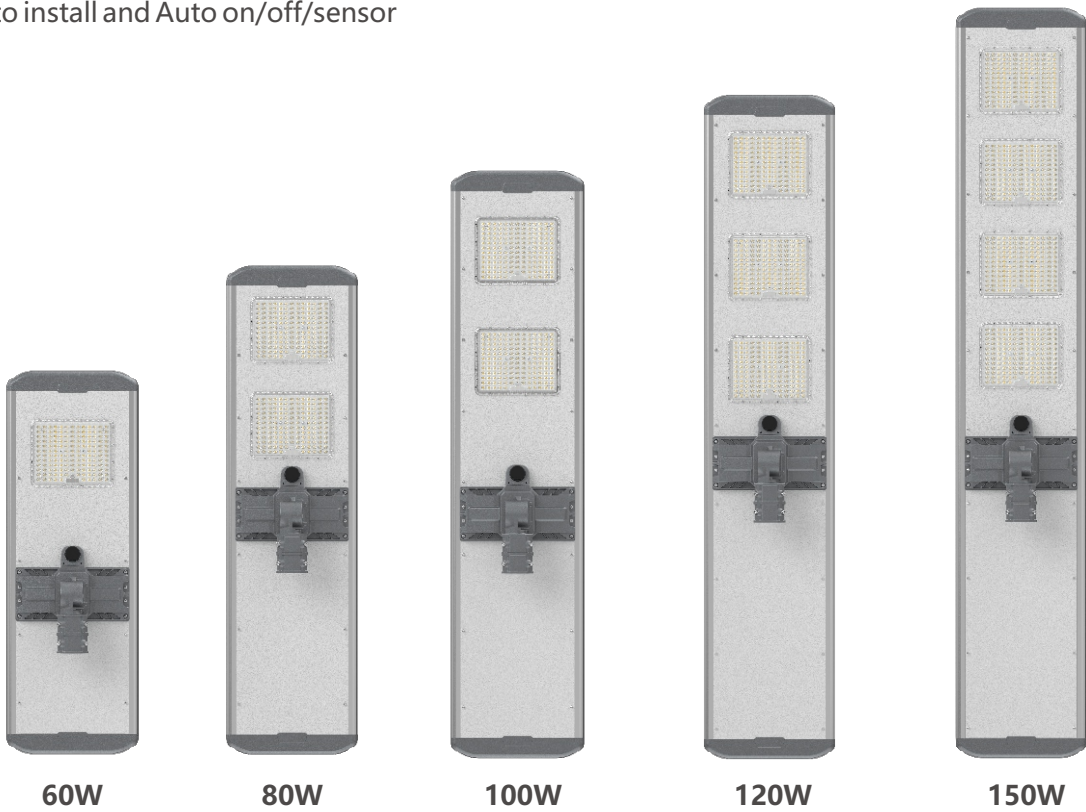
AN-SLV3

SUITABLE FOR ALL KINDS OF APPLICATIONS



Key Features

- Elegant All-in-One Design, Aluminum alloy case;
- Adjustable angle bracket;
- Photocell Control + Microwave motion sensor Control + Remote Control;
- 140° wide lighting angle;
- Support 4-5 nights lighting after full charging;
- Easy to install and Auto on/off/sensor



Technical Indexes

Power	60W	80W	100W	120W	150W
Number of LED	150pcs	300pcs	300pcs	450pcs	600pcs
Battery(LiFePO4)	432WH	432WH	560WH	768WH	864WH
Solar Panel(Mono)	70W	90W	120W	140W	150W
Solar Charge Time	8~9 hours by bright sunlight				
Lighting Time	4-5 nights				
Size(mm)	1115*382*100	1430*382*100	1690*382*100	1960*382*100	2200*382*100
Material	Aluminium alloy + PMMA				
Guard Level	IP 66				
Working Temperature	0°C to 65°C				
Warranty	5 years				



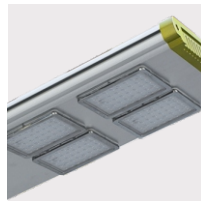
AN-SLA

PATENTED DESIGN SOLAR STREET LIGHT

CE RoHS IP65 IK09

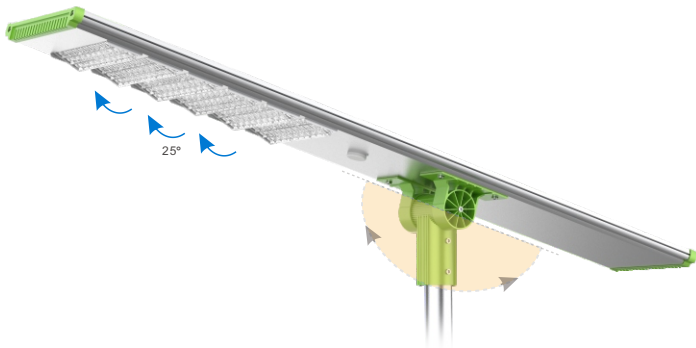
Key Features

- Elegant all in one structure design, saving transportation cost, easy to install and convenient for maintenance
- 140° wide lighting angle covering wider road area
- Adjustable angle LED module design
- Die-cast aluminum bracket, high mechanical strength, anti-wind resistance of level-16
- Remote control, four lighting modes for choice, flexible to switch via remote control
- Adopt high-efficiency mono solar panel and new lithium battery
- Self-developed intelligent control system, ensure the lighting time and stability



Three LED modules are available

Double adjustable angle design



Technical Indexes

Power	30W	40W	60W	80W	100W	120W
Number of LED	60pcs	90pcs	120pcs	150pcs	180pcs	180pcs
LED Luminous	210lm/w					
Battery(LiFePO4)	192WH	192WH	576WH	768WH	768WH	960WH
Solar Panel(Mono)	18V50W	18V65W	18V80W	18V100W	18V130W	18V 140W
Solar Charge Time	8~9 hours by bright sunlight					
Lighting Time	4~5 nights					
Lighting Mode	100% light control、Time control、Microwave control、Time & Microwave control					
PIR	120°, >8m					
Size(mm)	755*370*175	895*370*175	1125*370*175	1540*370*335	1860*370*335	1860*370*335
Material	Aluminium alloy + PMMA					
Guard Level	IP 65					
Working Temperature	-25°C to 65°C					



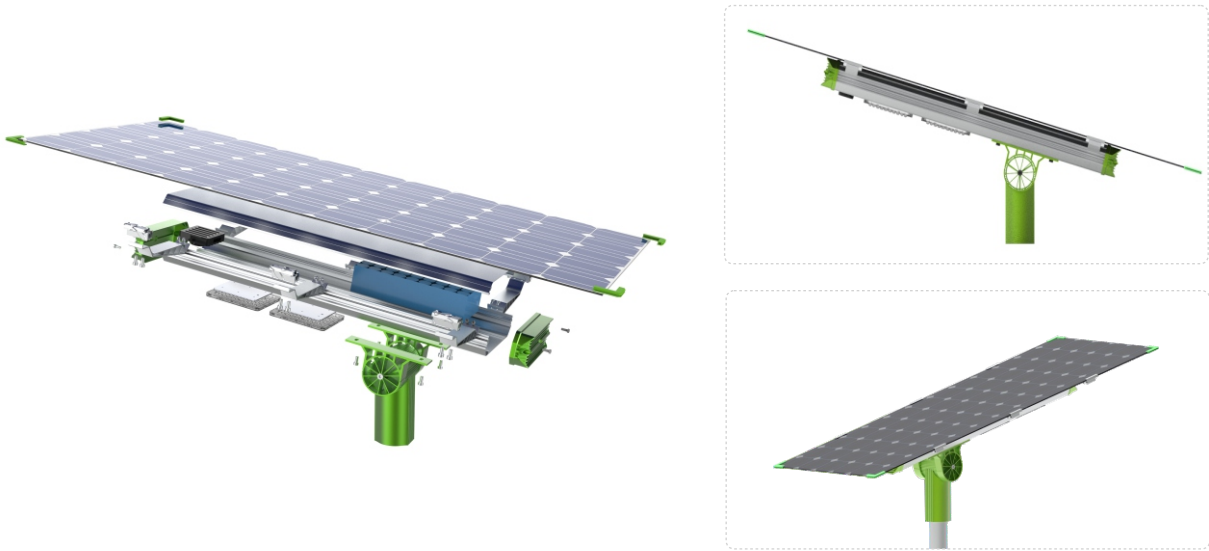
AN-SLX

TOP PERFORMANCE OF THE INDUSTRY



Key Features

- Independent design of **double-sided solar panel**, increase power generation up to 30%
- 140° lighting angle covering wider road area
- Adjustable bracket, 180 degree arbitrary adjustment, suitable for different installation way
- Die-cast aluminum bracket, high mechanical strength, Level-16 anti-wind resistance
- Remote control, four lighting modes for choice, flexible to switch via remote control
- Adopt high-efficiency mono solar panel and new lithium battery
- Independent developed intelligent control system, ensure the lighting time and stability
- Big power up to 200W, specially design for project



Technical Indexes

Power	60W	80W	100W	120W	150W	200W
Number of LED	80pcs/3030	80pcs/3030	120pcs/3030	120pcs/3030	120pcs/5050	120pcs/5050
LED Luminous	210lm/w					
Battery(LiFePO4)	12.8V30AH	12.8V45AH	12.8V60AH	12.8V60AH	25.6V45AH	25.6V60AH
Solar Panel(Mono)	18V120W	18V140W	18V160W	18V180W	36V220W	36V260W
Solar Charge Time	6~8 hours by bright sunlight					
Lighting Time	4~5 nights					
Lighting Mode	Photocell control + Motion sensor control + Remote control				Photocell control + Motion sensor control	
Install Height	5~8m	6~9m	7~10m	7~10m	8~12m	8~12m
Solar Panel Size(mm)	1070*517	1280*517	1140*675	1260*675	1560*675	1980*675
Lamp Size(mm)	970*236*85	970*236*85	970*236*85	970*236*85	1000*236*85	1000*236*85
Material	Aluminium alloy + PMMA					
Guard Level	IP 66					
Working Temperature	-25°C to 65°C					



AN-SLB

SUITABLE FOR ALL KINDS OF APPLICATIONS



Key Features

- Elegant All-in-One Design, Aluminum alloy case;
- Photocell Control + Microwave motion sensor Control + Remote Control;
- 140° wide lighting angle;
- Support 3 nights lighting after full charging;
- Easy to install and Auto on/off/sensor



AN-SLB-60W AN-SLB-80W AN-SLB-100W AN-SLB-120W



AN-SLB-150W AN-SLB-200W AN-SLB-250W

Technical Indexes

Power	60W	80W	100W	120W	150W	200W	250W
Number of LED	150pcs	200pcs	250pcs	300pcs	300pcs	400pcs	600pcs
Battery(LiFePO4)	160WH	430WH	430WH	560WH	865WH	865WH	1120WH
Solar Panel(Mono)	70W	90W	110W	120W	140W	170W	220W
Solar Charge Time	8~9 hours by bright sunlight						
Lighting Time	3 nights						
Size(mm)	1090*380*50	1400*380*50	1540*430*50	1670*430*50	1290*615*50	1290*800*50	1540*800*50
Material	Aluminium alloy + PMMA						
Guard Level	IP 65						
Working Temperature	0°C to 60°C						
Warranty	5 years						



AN-ISSL-C

NEWLY UPGRADED INTEGRATED SOLAR LIGHT

CE RoHS IP65 IK09

Key Features

- Elegant all in one structure design, saving transportation cost, easy to install and convenient for maintenance
- 140° wide lighting angle covering wider road area
- Adjustable angle lamp arm, can be used in two different types of lamp pole
- Die-cast aluminum bracket, high mechanical strength, anti-wind resistance of level-16
- Snap-type battery box design, convenient for battery and controller maintenance
- Adopt high-efficiency mono solar panel and LiFePO4 lithium battery
- Self-developed intelligent control system, ensure the lighting time and stability



Can be used in 2 different types of lamp pole.

Two different types of lamp beads to choose from.



Technical Indexes

Power	60W	80W	100W	150W
Number of LED	100pcs	150pcs	200pcs	300pcs
LED Luminous	170lm/w			
Battery(LiFePO4)	128WH	160WH	192WH	256WH
Solar Panel(Mono)	30W	40W	50W	70W
Solar Charge Time	5~6 hours by bright sunlight			
Rainy Day	3~4 rainy days			
Lighting Mode	Time control			
Install Height	4~5m	5~6m	6~7m	6~7m
Size(mm)	640*360*100	800*360*100	960*360*100	1150*360*100
Material	Aluminium			
Guard Level	IP 65			
Working Temperature	-25°C to 65°C			



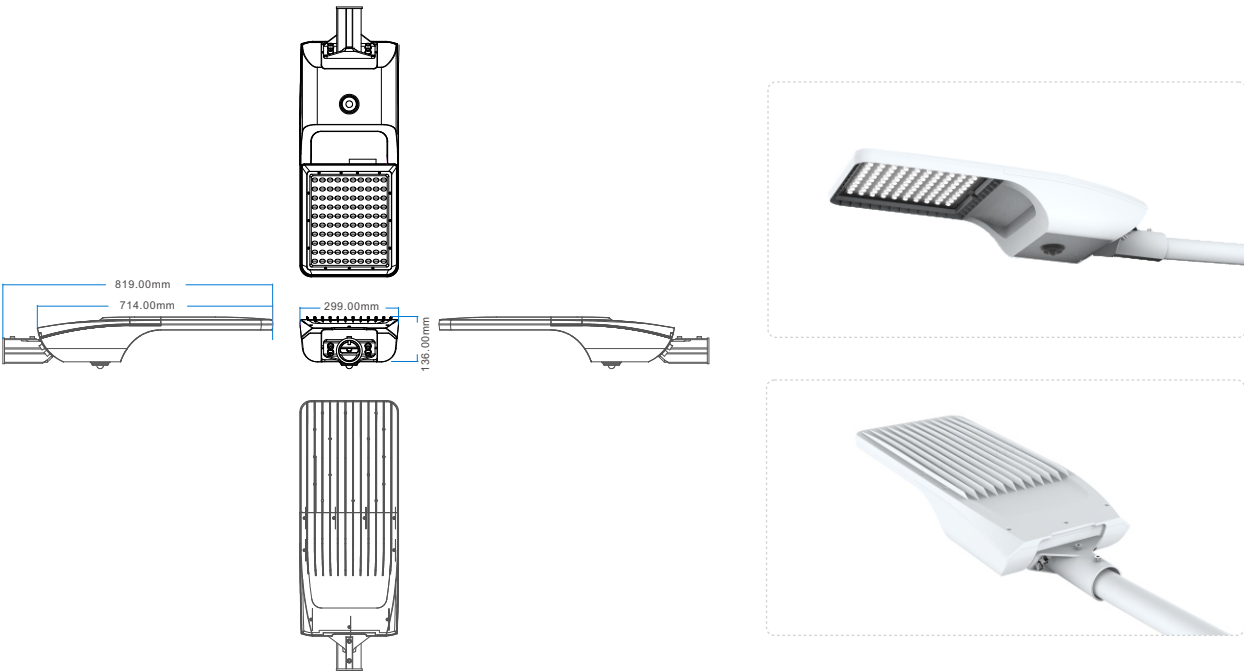
AN-SSL-I

SUITABLE FOR ALL KINDS OF APPLICATIONS



Key Features

- All in two design, one step plug-in for wiring connection, easy to install and maintain
- Die-cast aluminum bracket, high mechanical strength, Level-16 anti-wind resistance
- Adopt high-efficiency mono solar panel and LiFePO4 lithium battery
- External battery box design maximizes battery capacity
- Independent design of solar panel, can increase power generation up to 30%
- Independent developed intelligent control system, ensure the lighting time and stability



Technical Indexes

Power	60W	80W	100W	120W	150W	200W
Number of LED	3030/100pcs	3030/100pcs	3030/100pcs	5050/100pcs	5050/100pcs	5050/100pcs
LED Luminous	210lm/w					
Battery(LiFePO4)	576WH	768WH	768WH	960WH	1152WH	1536WH
Solar Panel(Mono)	80W	100W	150W	200W	250W	300W
Solar Charge Time	6~8 hours by bright sunlight					
Backup In Rainy Day	4-5 nights					
Lighting Mode	100% light control、Time control、Microwave control					
Lamp Size(mm)	819*299*136					
Material	Aluminium + PMMA					
IP Class	IP 66					
IK Class	IK 09					
Working Temperature	-20°C to 60°C					



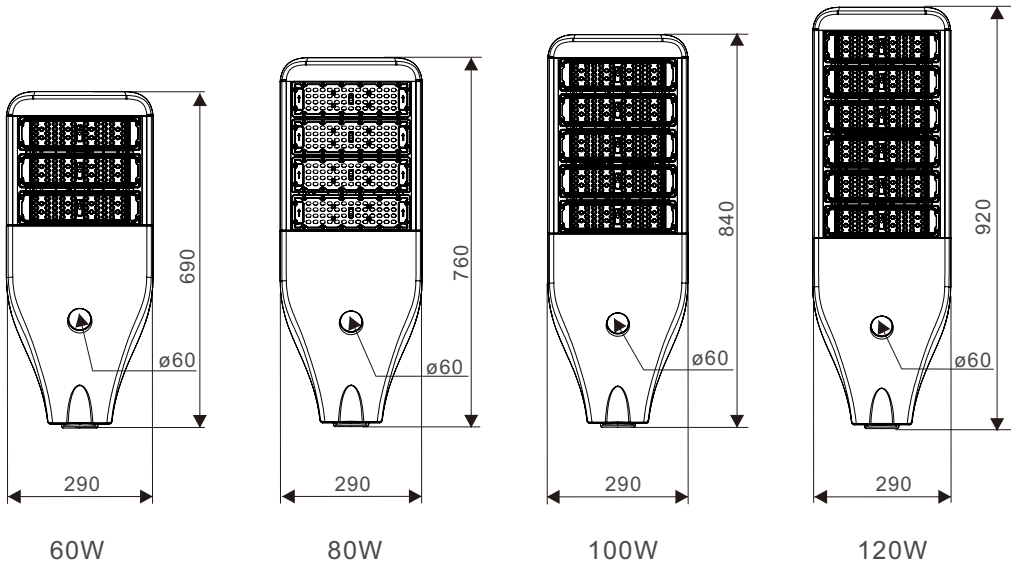
AN-SSL-T

SPLIT TYPE SOLAR STREET LIGHT

CE RoHS IP65 IK09

Key Features

- All in two design, one step plug-in for wiring connection, easy to install and maintain
- 140° lighting angle, covering wider road area
- Independent design of solar panel, can increase power generation up to 30%
- Die-cast aluminum bracket, high mechanical strength, Level-16 anti-wind resistance
- Remote control, three lighting modes for choice, flexible to switch via remote control
- Adopt high-efficiency mono solar panel and LiFePO4 lithium battery
- Independent developed intelligent control system, ensure the lighting time and stability



Technical Indexes

Power	60W	80W	100W	120W
Number of LED	150pcs	200pcs	250pcs	300pcs
LED Luminous	210lm/w			
Battery(LiFePO4)	538WH	640WH	704WH	896WH
Solar Panel(Mono)	18V80W	18V100W	18V150W	18V200W
Solar Charge Time	6~8 hours by bright sunlight			
Lighting Time	12hrs/night, over 3 continuous rainy days backup			
Lighting Mode	100% light control、Time control、Microwave control、Time & Microwave control			
Install height	5~6m	6~7m	7~9m	9~10m
Size(mm)	690*290*130	760*290*130	840*290*130	920*290*130
Material	Die-casted Aluminium			
Guard Level	IP 65			
Working Temperature	0°C to 65°C			



SOLAR GARDEN LIGHT



AN-ISGL08 SOLAR GARDEN LIGHT

Power	300W	400W	500W
Number of LED	SMD5730/392pcs		SMD5730/686pcs
Luminous Flux	2800lm	3500lm	4500lm
Battery(LiFePO4)	3.2V15AH	3.2V20AH	3.2V30AH
Solar Panel	16W	25W	30W
Solar Charge Time	6-8 hours by bright sunlight		
Backup In Rainy Day	>2 days (Microwave control)		
Lighting Mode	100% light control、Time control、Microwave control		
Lamp Size(mm)	380*530*80	390*650*80	400*730*80
Material	ABS Plastic		
IP Class	Ip66		



AN-ISGL10 SOLAR GARDEN LIGHT

Power	40W	80W	120W	150W	200W
Number of LED	SMD5054/28pcs	SMD5054/56pcs	SMD5054/84pcs	SMD5054/112pcs	SMD5054/140pcs
Luminous Flux	600lm	750lm	1300lm	1900lm	2300lm
Battery(LiFePO4)	3.2V4AH	3.2V5AH	3.2V10AH	3.2V12AH	3.2V15AH
Solar Panel	5W	8W	12W	15W	20W
Solar Charge Time	6-8 hours by bright sunlight				
Backup In Rainy Day	>2 days (Microwave control)				
Lighting Mode	100% light control、Time control、Microwave control				
Lamp Size(mm)	219*216*45	413*231*47	511*231*47	622*251*47	722*251*47
Material	ABS Plastic				
IP Class	Ip66				



AN-SFL-PL
SOLAR FLOOD LIGHT

Technical Indexes

Power	50W	100W	150W	200W	300W
Number of LED	SMD3030/32pcs	SMD3030/50pcs	SMD3030/104pcs	SMD3030/135pcs	SMD3030/170pcs
Luminous Flux	550lm	1100lm	2100lm	2750lm	4200lm
Battery(LiFePO4)	3.2V 4AH	3.2V 8AH	3.2V 15AH	3.2V 20AH	3.2V 30AH
Solar Panel	6W	10W	15W	20W	30W
Solar Charge Time	6-8 hours by bright sunlight				
Lighting Time	12hrs/night				
Lighting Mode	100% light control, Time control				
Lamp Size(mm)	186*128*47	232*159*53	282*200*53	316*228*53	352*255*53
Solar Panel Size(mm)	270*180*15	235*350*15	290*350*15	400*350*15	530*350*15
Material	ABS Plastic				
IP Class	Ip66				



AN-UHL06
LED HIGH BAY LIGHT

Power	100W	150W	200W
LED Chip	SMD2835	SMD2835	26000-27000lm
Luminous Flux	13000-13500lm	19500-20250lm	3600lm
CRI	80	80	80
PF	0.9	0.9	0.9
Working Voltage	AC100-277V	AC100-277V	AC100-277V
Color Temperature	6000-6500K	6000-6500K	6000-6500K
Lamp Size(mm)	240*240*200	300*300*210	350*350*210
Warranty	3 years		
Meas(mm)	250*245*110	310*305*120	360*355*120
G.W (kg)	2	2	3



AN-SLN02
LED STREET LIGHT

Power	40W	60W	80W	100W	150W	200W
LED Chip	PHILIPS	PHILIPS	PHILIPS	PHILIPS	PHILIPS	PHILIPS
Luminous Flux	4400-4800lm	6600-7000lm	8500-8800lm	10000-11000lm	15000-16500lm	22000-25000lm
CRI	>80	>80	>80	>80	>80	>80
Chip Number	72	72	96	96	144	240
Working Voltage	AC85-265V					
Color Temperature	3000-3500K/6000-6500K					
Size(mm)	420*210*85	420*210*85	520*265*90	520*265*90	580*310*95	750*360*120
Warranty	3 years					
Meas(mm)	570*250*245	570*250*245	680*295*150	680*295*150	740*350*170	945*440*190
G.W	7.6kg(2pcs)	7.6kg(2pcs)	5.5kg(1pc)	5.5kg(1pc)	6.6kg(1pc)	10.5kg(1pc)

▶▶▶ CASE PRESENTATION

PROJECT CASES

Anern team focuses on delivering high-performance solar lighting and advanced energy storage solutions tailored to the diverse needs of our clients. Over the years, we have completed thousands of projects worldwide, ranging from government infrastructure to commercial and residential installations. Our solutions are now trusted across Africa, Asia, the Middle East, Europe, and South America.



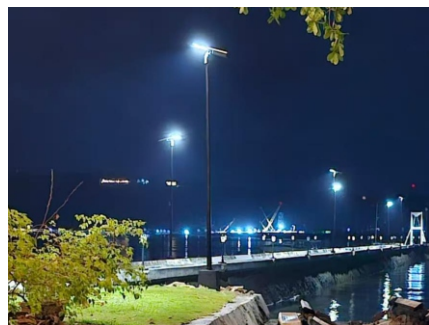
68 sets SLZ 120W In Mexico



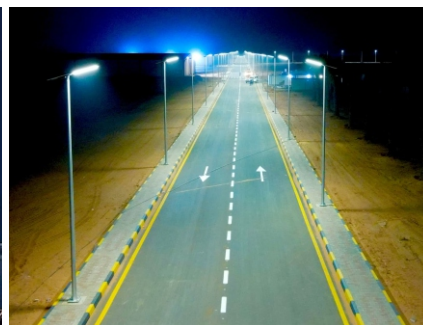
60W SLZ In Samoa



360 sets ISSL-C 150W In Jordan



SLZ2 120W In Philippines



110 sets SLZ 120W In Libya



100 sets SLZ+SLV In Philippines



80W SLZ In Malaysia



150W SLZ In Iraq



2000 sets SLX 150W In Brazil



100 sets SLZ 120W In Tanzania



80W SLA In Colombia



70 sets SLZ 60W In America



1000 sets SLA 120W In Saudi Arabia



200W SLX In Malaysia



150W ISSL-C In Mexico



60 sets SLA In Philippines



700 sets SLV 100W In Nigeria



80W SLA In Colombia



76 sets SLV 150W In Kenya



301 sets SLZ 100W In Zambia



180 sets SLZ 100W In Tanzania

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