

LIGHTING SERIES PRODUCTS

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- Light up the future world -

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SUNLURIO®

Qingdao Hitech New Energy Co., Ltd.

Company Introduction

Qingdao Hitech New Energy Co., Ltd., founded in 2010 as a subsidiary of Yangzhou Borui Electric Lighting Co., Ltd., specializes in the research, production, and sales of solar products.

Based on 20 years of experience in the solar industry, We have launched our own proprietary brand "SUNLURIO". Our key products include:

Solar street lights for roads and public places,

Energy storage systems using lithium-ion batteries,

Complete solar power systems designed for your needs

How We Help You:

Cost Savings: By choosing our solar products, you can reduce energy costs for street lighting and public spaces, saving money in the long term.

Sustainability: Our solar solutions help you achieve environmental goals by reducing reliance on non-renewable energy sources.

Reliable Performance: Our products are designed to work in harsh environments and offer long-lasting, efficient performance, reducing the need for frequent maintenance.

Choosing us means you get not only great products but also a trusted partner with experience in large projects. Our products help you save costs, improve energy efficiency, and achieve your sustainability goals.

20 years industry experience to make sure provide good service

REASONS TO CHOOSE HITECH NEW ENERGY

careful
service

real
stuff

complete
certificate

Qualification Certificate



UN38.3



All In One Solar Street Light

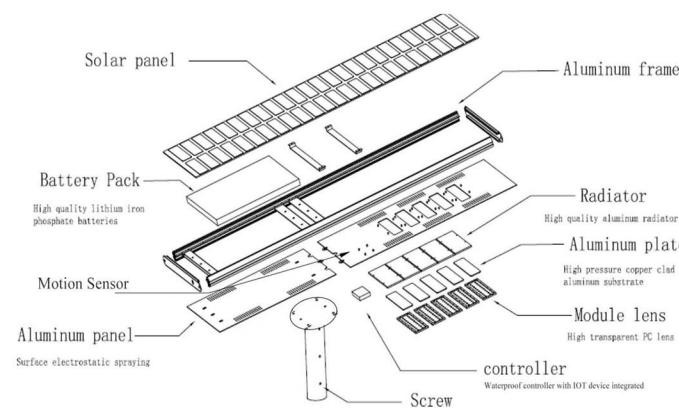


SL - ONE - TJ Series

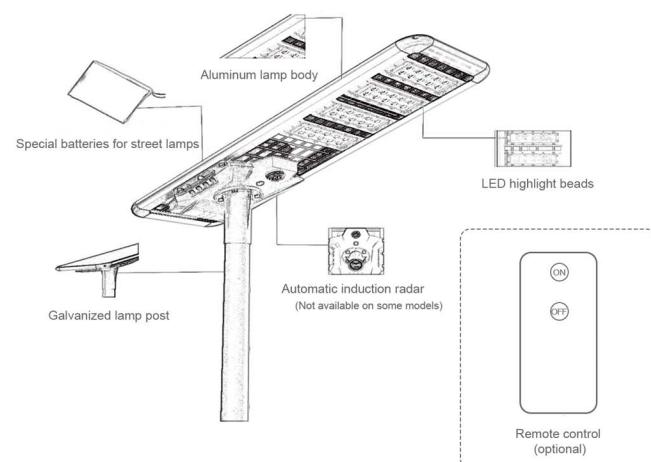


All In One Solar Street Light - TJ Series Parameters

Model	Chips qty	Lithium Battery (mAh)	Solar Panel (mono)	Product Size(mm)	Product material	Lens material	Package Size(mm)
SL-ONE-TJ2P	120pcs	3.2V36000	6V36W	850*290*100	Aluminium profile	Acrylic optical lens	880*310*130
SL-ONE-TJ3	180pcs	3.2V06000	6V50W	1070*290*100	Aluminium profile	Acrylic optical lens	1100*260*130
SL-ONE-TJ3P	180pcs	3.2V46000	6V50W	1070*290*100	Aluminium profile	Acrylic optical lens	1100*310*130
SL-ONE-TJ4	240pcs	3.2V55000	6V55W	1250*280*100	Aluminium profile	Acrylic optical lens	1280*310*130
SL-ONE-TJ4P	240pcs	3.2V85000	6V85W	1250*440*100	Aluminium profile	Acrylic optical lens	1280*470*130
SL-ONE-TJ5	300pcs	3.2V100000	6V100W	1450*440*100	Aluminium profile	Acrylic optical lens	1480*470*130
SL-ONE-TJ5P	300pcs	3.2V110000	6V110W	1450*490*110	Aluminium profile	Acrylic optical lens	1480*520*140



All In One Solar Street Light - AF Series Parameters



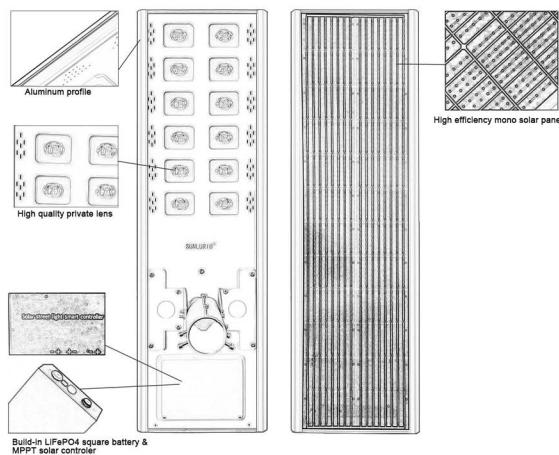
Model	Chips qty	Lithium Battery (mAh)	Solar Panel (mono)	Product Size(mm)	Product material	Lens material	Package Size(mm)
SL-ONE-AF3	90pcs	3.2V55000	6V55W	900*410*100	Aluminium profile	Acrylic optical lens	930*440*130
SL-ONE-AF3P	90pcs	3.2V60000	6V60W	900*450*100	Aluminium profile	Acrylic optical lens	930*480*130
SL-ONE-AF4	120pcs	3.2V70000	6V70W	1150*410*100	Aluminium profile	Acrylic optical lens	1180*430*130
SL-ONE-AF4P	120pcs	3.2V80000	6V80W	1150*450*100	Aluminium profile	Acrylic optical lens	1180*480*130
SL-ONE-AF5	150pcs	3.2V85000	6V85W	1320*410*100	Aluminium profile	Acrylic optical lens	1350*440*130
SL-ONE-AF5P	150pcs	3.2V90000	6V90W	1320*450*100	Aluminium profile	Acrylic optical lens	1350*480*130
SL-ONE-AF6	180pcs	3.2V100000	6V100W	1500*410*100	Aluminium profile	Acrylic optical lens	1530*440*130
SL-ONE-AF6P	180pcs	3.2V110000	6V110W	1500*450*100	Aluminium profile	Acrylic optical lens	1530*480*130
SL-ONE-AF6M	180pcs	3.2V150000	6V150W	2000*490*120	Aluminium profile	Acrylic optical lens	2050*540*150



All In One Solar Street Light - GM Series Parameters



Model	Chips qty	Lithium Battery (mAh)	Solar Panel (mono)	Product Size(mm)	Product material	Lens material	Package Size(mm)
SL-ONE-GM6	72pcs	3.2V50000	6V50W	750*365*40	Aluminium profile	Acrylic optical lens	780*395*70
SL-ONE-GM6P	72pcs	3.2V75000	6V80W	950*440*40	Aluminium profile	Acrylic optical lens	980*470*70
SL-ONE-GM8	96pcs	3.2V55000	6V60W	900*365*40	Aluminium profile	Acrylic optical lens	930*395*70
SL-ONE-GM8P	96pcs	3.2V80000	6V90W	1090*440*40	Aluminium profile	Acrylic optical lens	1120*470*70
SL-ONE-GM10	120pcs	3.2V65000	6V70W	1050*365*40	Aluminium profile	Acrylic optical lens	1080*395*70
SL-ONE-GM10P	120pcs	3.2V90000	6V100W	1235*440*40	Aluminium profile	Acrylic optical lens	1275*470*70
SL-ONE-GM12	144pcs	3.2V75000	6V80W	1200*365*40	Aluminium profile	Acrylic optical lens	1230*395*70
SL-ONE-GM12M	144pcs	3.2V105000	6V115W	1380*440*40	Aluminium profile	Acrylic optical lens	1410*470*70
SL-ONE-GM12P	144pcs	3.2V90000	6V100W	1450*365*40	Aluminium profile	Acrylic optical lens	1480*395*700
SL-ONE-GM12PM	144pcs	3.2V120000	6V130W	1510*440*40	Aluminium profile	Acrylic optical lens	1580*470*70



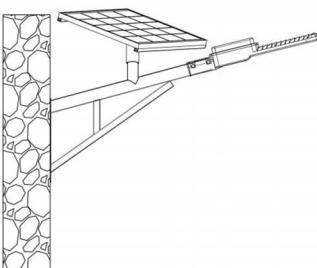
All In Two Solar Street Light

SL - PRO - FY Series

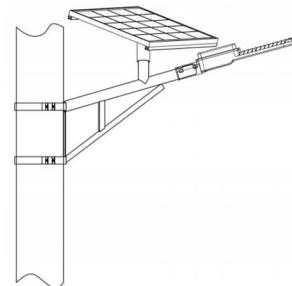


All In Two Solar Street Light - FY Series Parameters

Model	SL-PRO-FY-100W	SL-PRO-FY-150W	SL-PRO-FY-200W	SL-PRO-FY-250W
Product material	Aluminium profile	Aluminium profile	Aluminium profile	Aluminium profile
Lens material	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens
Product size(mm)	530*210*70	530*210*70	600*260*90	600*260*90
Warranty period	2 years	2 years	2 years	2 years
LiFePO ₄ battery capacity(mAh)	3.2v40000	3.2v50000	3.2v60000	3.2v80000
Solar panel(mono)	6V40W	6V50W	6V60W	6V80W
LED chips	High brightness chips 80pcs	High brightness chips 80pcs	High brightness chips 120pcs	High brightness chips 120pcs
Working Time	More than 12 hours			
Charge time	4-6 hours			
Working mode	Time control + Always on light			
Component	1.2m bracket			
Packing size(L*W*H)mm	550*267*85(LED) 710*480*110(panel 4pcs)	550*267*85(LED) 710*560*110(panel 4pcs)	620*267*105(LED) 710*665*110(panel 4pcs)	620*267*105(LED) 710*865*110(panel 4pcs)



Wall Mounting of All-in-two Solar Street Light



Pole Mounting of All-in-two Solar Street Light

SL - PRO - JD Series



All In Two Solar Street Light - JD Series Parameters

Model	SL-PRO-JD-100W	SL-PRO-JD-150W	SL-PRO-JD-200W	SL-PRO-JD-250W
Product material	Aluminium profile	Aluminium profile	Aluminium profile	Aluminium profile
Lens material	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens
Product size(mm)	590*230*90	590*230*90	590*230*90	590*230*90
Warranty period	2 years	2 years	2 years	2 years
LiFePO ₄ battery capacity(mAh)	3.2v40000	3.2v50000	3.2v60000	3.2v80000
Solar panel(mono)	6V40W	6V50W	6V60W	6V80W
LED chips	High brightness chips 160pcs	High brightness chips 160pcs	High brightness chips 240pcs	High brightness chips 240pcs
Working Time	More than 12 hours			
Charge time	4-6 hours			
Working mode	Time control + Always on light			
Component	1.2m bracket			
Packing size(L*W*H)mm	550*267*85(LED) 710*480*110(panel 4pcs)	550*267*85(LED) 710*560*110(panel 4pcs)	705*285*105(LED) 710*665*110(panel 4pcs)	705*285*105(LED) 710*865*110(panel 4pcs)



SL - PRO - RY Series



All In Two Solar Street Light - RY Series Parameters

Model	SL-PRO-RY-100W	SL-PRO-RY-150W	SL-PRO-RY-200W	SL-PRO-RY-250W
Product material	Aluminium profile	Aluminium profile	Aluminium profile	Aluminium profile
Lens material	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens
Product size(mm)	600*230*80	600*230*80	680*270*110	680*270*110
Warranty period	2 years	2 years	2 years	2 years
LiFePO ₄ battery capacity(mAh)	3.2v40000	3.2v50000	3.2v60000	3.2v80000
Solar panel(mono)	6V40W	6V50W	6V60W	6V80W
LED chips	High brightness chips 160pcs	High brightness chips 160pcs	High brightness chips 240pcs	High brightness chips 240pcs
Working Time	More than 12 hours			
Charge time	4-6 hours			
Working mode	Time control + Always on light			
Component	1.2m bracket			
Packing size(L*W*H)	550*267*85(LED) 710*480*110(panel 4pcs)	550*267*85(LED) 710*560*110(panel 4pcs)	705*285*1005(LED) 710*665*110(panel 4pcs)	705*285*105(LED) 710*865*110(panel 4pcs)



SL - PRO - TK Series



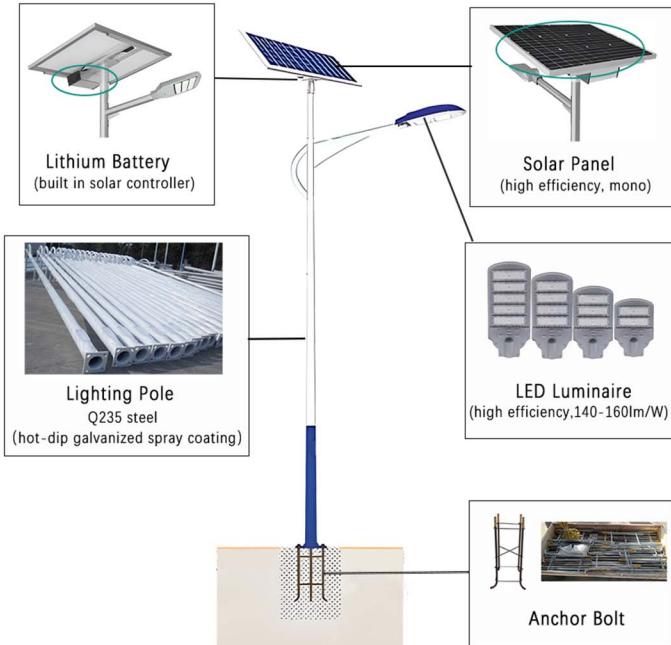
All In Two Solar Street Light - TK Series Parameters

Item	SL-PRO-TK-100W	SL-PRO-TK-150W	SL-PRO-TK-200W	SL-PRO-TK-250W
Product material	Aluminium profile	Aluminium profile	Aluminium profile	Aluminium profile
Lens material	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens	Acrylic optical lens
Product size(mm)	550*230*90	550*230*90	600*210*90	600*210*90
Warranty period	2 years	Warranty period	2 years	Warranty period
LiFePO ₄ battery capacity(mAh)	3.2v40000	3.2v50000	3.2v60000	3.2v80000
Solar panel(mono)	6V40W	6V50W	6V60W	6V80W
LED chips	High brightness chips 160pcs	High brightness chips 160pcs	High brightness chips 240pcs	High brightness chips 240pcs
Working Time	More than 12 hours			
Charge time	4-6 hours			
Working mode	Time control + Always on light			
Component	0.5m bracket			
Packing size(L*W*H)	700*475*155/set	700*560*155/set	700*230*155(LED) 710*665*110(panel 4pcs)	700*230*155(LED) 710*865*110(panel 4pcs)



Split Street Light

SL - PLUS Series



Solar Street Light - PLUS Series Parameters

Module	5M solar street light	5.5M solar street light	7M solar street light	8M solar street light	9M solar street light	10M solar street light
LED light	30~50W	40~60W	50~60W	60~80W	70~90W	90~100W
Solar panel	100~150W	120~200W	150~200W	150~240W	200~300W	200~320W
Lithium battery	12.8V40AH~ 12.8V70AH	12.8V50AH~ 12.8V100AH	12.8V60AH~ 12.8V120AH	12.8V70AH~ 12.8V150AH	12.8V90AH~ 12.8V200AH	12.8V100AH~ 12.8V210AH
Solar controller		MPPT/over charge/over discharge				
Lighting pole details						
Diameter	60/120mm	65/130mm	65/140mm	70/160mm	75/170mm	75/180mm
Thickness	2.5mm	3mm	3mm	3mm	3.5mm	4mm
Base plate	300*300*12mm	300*300*12mm	300*300*15mm	300*300*15mm	350*350*16mm	400*400*16mm
Arm braket	Ø60*1000mm	Ø60*1000mm	Ø60*1200mm	Ø60*1200mm	Ø60*1500mm	Ø60*1500mm
Anchor bolts	4*M20-500mm	4*M20-500mm	4*M20-700mm	4*M20-700mm	4*M20-900mm	4*M20-900mm





AC-JG



AC-RD01



AC-WM



AC-JG01



AC-JG02



AC-YSM



AC-BJ



AC-RD02

AC Street Light - EPLUS Series Parameters

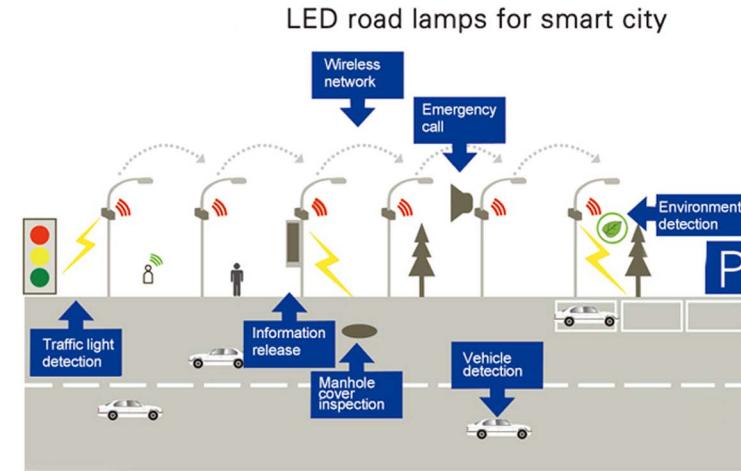
Model	5M AC street light	5.5M AC street light	7M AC street light	8M AC street light	9M AC street light	10M AC street light
LED light	40~50W	50~60W	60~80W	60~90W	80~100W	90~120W
LED driver	Famous brand isolated driver					

Lighting pole details

Diameter	60/120mm	65/130mm	65/140mm	70/160mm	75/170mm	75/180mm
Thickness	2.5mm	3mm	3mm	3mm	3.5mm	4mm
Base plate	300*300*12mm	300*300*12mm	300*300*15mm	300*300*15mm	350*350*16mm	400*400*16mm
Arm bracket	Ø60*1000mm	Ø60*1000mm	Ø60*1200mm	Ø60*1200mm	Ø60*1500mm	Ø60*1500mm
Anchor bolts	4*M20-500mm	4*M20-500mm	4*M20-700mm	4*M20-700mm	4*M20-900mm	4*M20-900mm



Smart Street Light



WIFI, environment sensors, information releasing system, security surveillance system, utilities management system, SOS, electrical vehicle charging piles and some other facilities can be easily integrated in the smart illumination system. It can really contribute to the establishment of smart city as light poles are planted at almost every corner in the city.



SL - HMM Series



SL - FLS - FX



SL - FLS - JBP



SL - FLS - BR



SL - FLS - HX



SL - FLS - FY



SL - FLS - CY

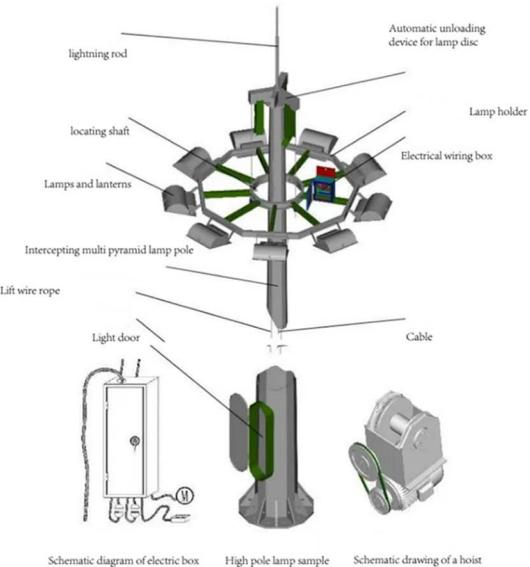
Medium-pole Light - HMM Series Parameters

Model	14M Mid-High Mast Light	16M Mid-High Mast Light	18M Mid-High Mast Light
LED light	2~3pcs 100-150W LED flood light	3~4pcs 100-150W LED flood light	4~6pcs × 200W LED flood lights
LED driver	Famous brand isolated driver (IP67)		

Mid-High Mast Lighting pole details

Diameter	120/280mm	140/320mm	180/380mm
Thickness	4mm/6mm	4mm/6mm	6mm/8mm
Base plate	Ø420*20mm	Ø480*20mm	Ø550*20mm
Mounting Bracket	Fixed floodlight bracket		
Anchor bolts	4*M24-800mm	4*M24-800mm	6*M27-1000mm





High-mast Light - HM Series Parameters

Model	20M High Mast Light	25M High Mast Light	30M High Mast Light
LED light	8pcs 300W LED flood light	12pcs 300W LED flood light	12pcs × 500W LED flood lights
LED driver	Famous brand isolated driver (IP67)		
High Mast Lighting pole details			
Diameter	230/450mm	250/550mm	260/600mm
Thickness	6mm/8mm	6mm/8mm/10mm	6mm/8mm/10mm
Base plate	Ø800*30mm	Ø900*30mm	Ø900*36mm
Light holder	Ø 1.5m	Ø 2m	Ø 2m
Anchor bolts	12*M27-1200mm	12*M36-1500mm	12*M36-1500mm
Power tool	750W/220-230v	750W/220-230v	110W/220-230v
Electrical system	AC220v/50HZ	AC220v/50HZ	AC220v/50HZ
Aviation light	150W	150W	150W





Light Pole

Pole Height	Regular(3m 4m 5m and so on) or custom models
Material	Steel, aluminum, stainless steel
Shape	Steel pipe, conical pole, square pole, octagonal pole, dodecagon pole
Technology	Hot dip galvanized + Spray coating
Flange	Square, round
Arm	Single arm, double arm or custom-made
Usage	Light poles, power poles, flagpoles and so on

Material



High quality standard steel



Aluminium



Stainless steel

Shape



Steel pipe



Conical pole



Square pole



Octagonal pole



Dodecagon pole



Custom-made

Production process



CUTTING MATERIAL



BENDING



BENDING



WELDING



ADJUST SHAPE



WELDING FLANGE



HDG AND POLISH



POWDER SPRAYING



THE FINISHED PRODUCT

SL - Garden Light / Landscape Light Series



GL-01W



GL-02W



GL-03W



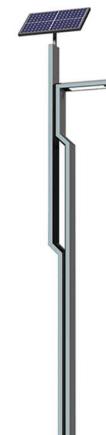
GL-04W



GL-05W



LL-01



LL-02



LL-03



LL-04



GL-01



GL-02



GL-03



GL-04



GL-05



GL-06



GL-07



GL-08



GL-09



LL-05



LL-06



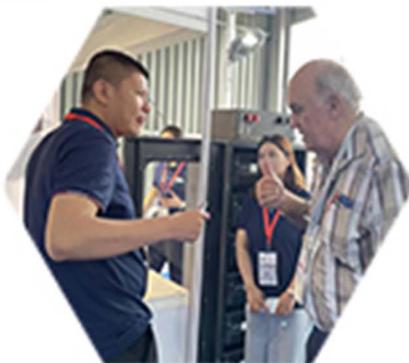
LL-07



LL-08

Trade Show

TRADE SHOW



Application Case



Hitech project in Maiduguri Over 6000 units
8m solar street light



Hitech project Cross River solar street
lights in Nigeria 680 pcs



Hitech 35W Solar Street Lights, Honiara,
Solomon Islands



Hitech Double arm led solar street light
Konakry,Guinea



Hitech 35W Solar Street Light Split Type
in lagos Nigeria



Hitech Double arm led solar street light
Conakry,Guinea 4000pcs



Hitech solar-led street light projects,Abuja,Nigeria 740pcs



Hitech 30W Solar Street Light System in Qatar



Borui solar street light in Niger from 2014-2018
more than 6000pcs

Application Case



4580 sets of solar street lights in Ghana



Hitech Double led solar street light in Luanda, Angola 470 pcs



Hitech 600pcs Solar LED street light Miyazaki, Japan



Borui solar street light in Ghana from 2010-2019 more than 15000pcs



2200 sets of double arm solar street lights in Cote d'Ivoire



Cooperate to establish the first street light production line in Lome, Togo



18000 sets of all in one solar street lights in Lome, Togo



1250 sets of solar street lights in Ethiopia



830 sets of solar street lights in Kenya



13000 sets of solar street lights in Lome, Togo



3500 sets of street lights in Republic of Senegal



2000 sets of solar street lights in Vari, Nigeria



Port lighting project in Phnom Penh, Cambodia

GLOBAL MARKETS



We believe that every light does more than just illuminate—it brings safety, warmth, and vitality to every corner of the city.

As a dedicated provider of lighting solutions, we are committed to delivering outstanding product quality and reliable, responsive service.

Looking ahead, we will continue to uphold our philosophy of "Quality First, Service Always",
working hand in hand with our partners to create a brighter, better future.