



Fuzhen lighting

Yangzhou Fuzhen lighting equipment Co., LTD

Address: Yangzhou City, Jiangsu Province, north suburb of
the bridge industrial concentration area

Tel :0514-84215630

Fax :0514-84215630

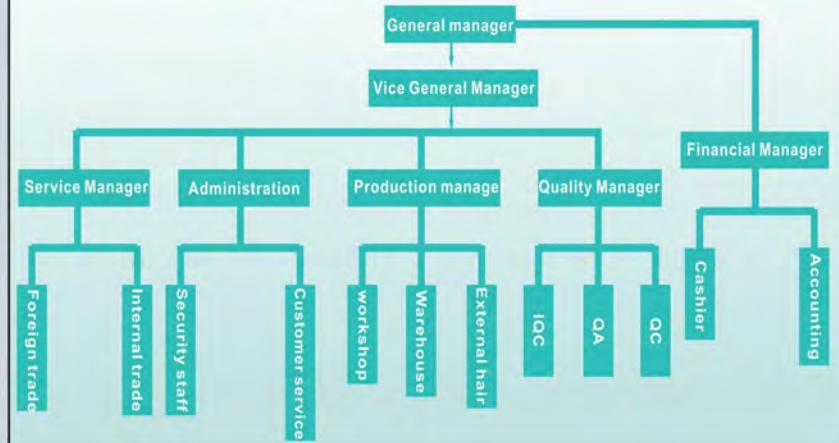
Mobile :18352748466

Website :www.yzfzzm.com

Yangzhou Fuzhen lighting equipment Co., LTD

Company Structure And Plant Equipment

Organizational Chart



Organizational Structure



Our Sales Team



The R&D Team



Company Structure And Plant Equipment



Mould Workshop



Plastic Enclosure Workshop



SMT Patch Workshop



Solar Panel Module Workshop



Semi-automatic Laminating Equipment



Solar Module Tester



Company Structure And Plant Equipment



LED Brightness And Salt Spray Test



Battery Aging, LED Aging And Waterproof Testing



Assembly Shop



Assembly Shop



Assembly Shop



Assembly Shop



Company Structure And Plant Equipment



Source Material Warehouse



Supplementary Material Warehouse



Finished Goods Warehouse



Finished Goods Warehouse



150W All-In-One Solar LED Street Light





Silicon Brand
SUNPOWER

The Battery Brand
BST

Light Bead Brand
CREE

Lifespan
25 Years

Battery Life
8+Years

Light Bead Life
10+ Years

Color Temperature Available:
2700-6500K

Application: The 150W models mainly used in areas where the solar irradiation is unevenly distributed in time and different season.
Its high wattage LEDs can be used for city main street lightings.

MODEL	(Deluxe)HXXY-SSL-150C	(Standard Version)HXXY-SSL-150C	
MAXLAMP LUMEN	17400LM	16600LM	
LED LIGHT SOURCE	150W:CREE 5050 37.5W*4	150W:PHILIPS 3030 37.5W*4	
SOLAR PV	SunPower Monocrystalline 36v/230Wp	Monocrystalline 36v/210Wp	
BATTERY	LiFePo4 Lithium25.6V/42AH	LiFePo4 Lithium25.6V/39AH	
BATTERY LIFE	8+Years	8+Years	
FULL CHARGE TIME	7 hours(STC)	7hours(STC)	
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional	
DISCHARGE TIME	Bright Mode>8hrs/Dim Mode>40	Bright Mode>7hrs/Dim Mode>35	
WORK TEMP	-20°C~+80°C	-20°C~+80°C	
POLE HEIGHT	12~13M	12~13M	
POLE DISTANCE	55~65M	55~65M	
PRODUCT SIZE	1470*680*110mm	1470*680*110mm	
NET WEIGHT	34kg	32kg	
PACKAGE	1psc/CTN	1psc/CTN	
CARTON SIZE	Light:1530*740*130mm Accessories:710*420*310mm	Light:1530*740*130mm Accessories:710*420*310mm	
GROSS WEIGHT	36kg	34kg	
PCS/Container	273/40',117/20'	273/40',117/20'	



120W All-In-One Solar LED Street Light





Silicon Brand
SUNPOWER

The Battery Brand
BST

Light Bead Brand
CREE

Lifespan
25 Years

Battery Life
8+Years

Light Bead Life
10+ Years

Color Temperature Available:
2700-6500K

Application: The 120W models mainly used in areas where the solar irradiation is unevenly distributed in time and different season.
Its high wattage LEDs can be used for city main street lightings.

MODEL	(Deluxe)HXXY-SSL-120C	(Standard Version)HXXY-SSL-120C	
MAXLAMP LUMEN	13600LM	12800LM	
LED LIGHT SOURCE	120W:CREE 5050 30W*4	120W:PHILIPS 3030 30W*4	
SOLAR PV	SunPower Monocrystalline 36v/180Wp	Monocrystalline 36v/170Wp	
BATTERY	LiFePo4 Lithium25.6V/39AH	LiFePo4 Lithium25.6V/36AH	
BATTERY LIFE	8+Years	8+Years	
FULL CHARGE TIME	8 hours(STC)	8 hours(STC)	
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional	
DISCHARGE TIME	Bright Mode>9hrs/Dim Mode>45	Bright Mode>8hrs/Dim Mode>40	
WORK TEMP	-20°C~+80°C	-20°C~+80°C	
POLE HEIGHT	11~12M	11~12M	
POLE DISTANCE	50~60M	50~60M	
PRODUCT SIZE	1580*550*110mm	1580*550*110mm	
NET WEIGHT	32kg	30kg	
PACKAGE	1psc/CTN	1psc/CTN	
CARTON SIZE	Light:1630*610*130mm Accessories:710*420*310mm	Light:1630*610*130mm Accessories:710*420*310mm	
GROSS WEIGHT	34kg	32kg	
PCS/Container	273/40',117/20'	273/40',117/20'	



100W All-In-One Solar LED Street Light



Silicon Brand Lifespan

SUNPOWER 25 Years

The Battery Brand Battery Life

BST 8+Years

Light Bead Brand Light Bead Life

CREE  10+ Years

Color Temperature Available:
2700-6500K

Application: The 100W models mainly used in areas where the solar irradiation is unevenly distributed in time and different season.

Its high wattage LEDs can be used for city main street lightings.

MODEL	(Deluxe)HXXY-ISSL-100C	(Standard Version)HXXY-ISSL-100C
MAXLAMP LUMEN	11600LM	10800LM
LED LIGHT SOURCE	100W:CREE 3535 33.4W*3	100W:PHILIPS 3030 33.4W*3
SOLAR PV	SunPower Monocrystalline 36v/150Wp	Monocrystalline 36v/140Wp
BATTERY	LiFePo4 Lithium25.6V/36AH	LiFePo4 Lithium25.6V/33AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	9hours(STC)	9hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>40	Bright Mode>9hrs/Dim Mode>35
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	10~11M	10~11M
POLE DISTANCE	45~55M	45~55M
PRODUCT SIZE	1470*430*110mm	1470*430*110mm
NET WEIGHT	30kg	26kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	Light:1530*465*130mm Accessories:710*420*310mm	Light:1530*465*130mm Accessories:710*420*310mm
GROSS WEIGHT	32kg	28kg
PCS/Container	330/40', 150/20'	330/40', 150/20'



80W All-In-One Solar LED Street Light



Silicon Brand Lifespan

SUNPOWER 25 Years

The Battery Brand Battery Life

BST 8+Years

Light Bead Brand Light Bead Life

CREE  10+ Years

Color Temperature Available:
2700-6500K

Application: The 80W models are recommended to be mounted at 9~10M height pole for lighting of road no more than 6 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-80C	(Standard Version)HXXY-ISSL-80C
MAXLAMP LUMEN	9600LM	8800LM
LED LIGHT SOURCE	80W:CREE 5050 20W*4	80W:PHILIPS 3030 20W*4
SOLAR PV	SunPower Monocrystalline 36v/120Wp	Monocrystalline 36v/110Wp
BATTERY	LiFePo4 Lithium25.6V/33AH	LiFePo4 Lithium25.6V/27AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	10 hours(STC)	9 hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>50	Bright Mode>9hrs/Dim Mode>45
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	9~10M	9~10M
POLE DISTANCE	40~45M	40~45M
PRODUCT SIZE	1410*425*150mm	1410*425*150mm
NET WEIGHT	26kg	25kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	1480*465*200mm	1480*465*200mm
GROSS WEIGHT	28kg	27kg
PCS/Container	372/40', 180/20'	372/40', 180/20'



70W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE 	10+ Years

Color Temperature Available:
2700-6500K

Application: The 70W models are recommended to be mounted at 9~10M height pole for lighting of road no more than 6 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-70C	(Standard Version)HXXY-ISSL-70C
MAXLAMP LUMEN	8200LM	7800LM
LED LIGHT SOURCE	70W:CREE 5050 35W*2	70W:PHILIPS 3030 35W*2
SOLAR PV	SunPower Monocrystalline 36v/110Wp	Monocrystalline 36v/100Wp
BATTERY	LiFePo4 Lithium25.6V/27AH	LiFePo4 Lithium25.6V/24AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>50	Bright Mode>9hrs/Dim Mode>45
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	9~10M	9~10M
POLE DISTANCE	40~45M	40~45M
PRODUCT SIZE	1260*425*160mm	1260*425*160mm
NET WEIGHT	25kg	22kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	1350*465*200mm	1350*465*200mm
GROSS WEIGHT	27kg	24kg
PCS/Container	372/40',180/20'	372/40',180/20'



60W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE 	10+ Years

Color Temperature Available:
2700-6500K

Application: The 60W models are recommended to be mounted at 8~9M height pole for lighting of road no more than 4 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-60C	(Standard Version)HXXY-ISSL-60C
MAXLAMP LUMEN	7600LM	6800LM
LED LIGHT SOURCE	60W:CREE 5050 20W*3	60W:PHILIPS 3030 20W*3
SOLAR PV	SunPower Monocrystalline 36v/110Wp	Monocrystalline 36v/80Wp
BATTERY	LiFePo4 Lithium25.6V/24AH	LiFePo4 Lithium25.6V/18AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8 hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>50	Bright Mode>8hrs/Dim Mode>40
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	8~9M	8~9M
POLE DISTANCE	35~40M	35~40M
PRODUCT SIZE	1140*425*150mm	1140*425*150mm
NET WEIGHT	22kg	20kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	1950*465*200mm	1950*465*200mm
GROSS WEIGHT	24kg	22kg
PCS/Container	400/40',200/20'	400/40',200/20'



50W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE PHILIPS	10+ Years

Color Temperature Available:
2700-6500K

Application: The 50W models are recommended to be mounted at 9M height pole for lighting of road no more than 6 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-50C	(Standard Version)HXXY-ISSL-50C
MAXLAMP LUMEN	6200LM	5600LM
LED LIGHT SOURCE	50W:CREE 5050 25W*2	50W:PHILIPS 3030 25W*2
SOLAR PV	SunPower Monocrystalline 18v/80Wp	Monocrystalline 18v/70Wp
BATTERY	LiFePo4 Lithium12.8V/36AH	LiFePo4 Lithium12.8V/30AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>9hrs/Dim Mode>45	Bright Mode>8hrs/Dim Mode>40
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	8~9M	8~9M
POLE DISTANCE	35~40M	35~40M
PRODUCT SIZE	1140*350*150mm	1140*350*150mm
NET WEIGHT	20kg	18kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	1195*405*200mm	1195*405*200mm
GROSS WEIGHT	22kg	20kg
PCS/Container	372/40', 180/20'	372/40', 180/20'



40W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE PHILIPS	10+ Years

Color Temperature Available:
2700-6500K

Application: The 40W models are recommended to be mounted at 8M height pole for lighting of road no more than 2 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-40C	(Standard Version)HXXY-ISSL-40C
MAXLAMP LUMEN	5200LM	4600LM
LED LIGHT SOURCE	40W:CREE 5050 20W*2	40W:PHILIPS 3030 20W*2
SOLAR PV	SunPower Monocrystalline18v/70Wp	Monocrystalline 18v/60Wp
BATTERY	LiFePo4 Lithium12.8V/30AH	LiFePo4 Lithium12.8V27AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8 hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>50	Bright Mode>9hrs/Dim Mode>45
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	7~8M	7~8M
POLE DISTANCE	30~35M	30~35M
PRODUCT SIZE	1140*300*150mm	1140*300*150mm
NET WEIGHT	17.5kg	15.5kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	1195*340*200mm	1195*340*200mm
GROSS WEIGHT	19kg	17kg
PCS/Container	660/40', 330/20'	660/40', 330/20'



30W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE PHILIPS	10+ Years

Color Temperature Available:
2700-6500K

Application: The 30W models are recommended to be mounted at 8M height pole for lighting of road no more than 2 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-30C	(Standard Version)HXXY-ISSL-30C
MAXLAMP LUMEN	3900LM	3600LM
LED LIGHT SOURCE	30W:CREE 5050 15W*2	30W:PHILIPS 3030 15W*2
SOLAR PV	SunPower Monocrystalline 18v/60Wp	Monocrystalline 18v/50Wp
BATTERY	LiFePo4 Lithium12.8V/27AH	LiFePo4 Lithium12.8V/24AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8hours(STC)	9hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>11hrs/Dim Mode>55	Bright Mode>10hrs/Dim Mode>50
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	7~8M	7~8M
POLE DISTANCE	25~30M	25~30M
PRODUCT SIZE	1130*300*150mm	1130*300*150mm
NET WEIGHT	16.5kg	15.5kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	1195*340*200mm	1195*340*200mm
GROSS WEIGHT	18kg	17kg
PCS/Container	660/40',330/20'	660/40',330/20'



25W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE PHILIPS	10+ Years

Color Temperature Available:
2700-6500K

Application: The 25W models are recommended to be mounted at 7M height pole for lighting of road no more than 2 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-25C	(Standard Version)HXXY-ISSL-25C
MAXLAMP LUMEN	3100LM	2800LM
LED LIGHT SOURCE	25W:CREE 5050 12.5W*2	25W:PHILIPS 3030 12.5W*2
SOLAR PV	SunPower Monocrystalline 18v/50Wp	Monocrystalline 18v/40Wp
BATTERY	LiFePo4 Lithium12.8V/24AH	LiFePo4 Lithium12.8V21AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8hours(STC)	9hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>11hrs/Dim Mode>55	Bright Mode>10hrs/Dim Mode>50
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	6~7M	6~7M
POLE DISTANCE	20~25M	20~25M
PRODUCT SIZE	1010*300*150mm	1010*300*150mm
NET WEIGHT	13.5kg	12.5kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	925*340*200mm	925*340*200mm
GROSS WEIGHT	15kg	14kg
PCS/Container	770/40',380/20'	770/40',380/20'



20W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE	10+ Years

Color Temperature Available:
2700-6500K

Application: The 20W models are recommended to be mounted at 6~7M height pole for lighting of road no more than 2 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-SSL-20C	(Standard Version)HXXY-SSL-20C
MAX LAMP LUMEN	2600LM	2400LM
LED LIGHT SOURCE	20W:CREE 5050 20W*1	20W:PHILIPS 3030 20W*1
SOLAR PV	SunPower Monocrystalline 18v/40Wp	Monocrystalline 18v/40Wp
BATTERY	LiFePo4 Lithium 12.8V/21AH	LiFePo4 Lithium 12.8V/18AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	9hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>12hrs/Dim Mode>60	Bright Mode>11hrs/Dim Mode>55
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	6~7M	6~7M
POLE DISTANCE	20~25M	20~25M
PRODUCT SIZE	880*300*150mm	880*300*150mm
NET WEIGHT	10.5kg	9.5kg
PACKAGE	1psc/CTN	1psc/CTN
CARTON SIZE	750*340*200mm	750*340*200mm
GROSS WEIGHT	12kg	11kg
PCS/Container	840/40', 400/20'	840/40', 400/20'



15W All-In-One Solar LED Street Light



CE FC RoHS IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE	10+ Years

Color Temperature Available:
2700-6500K

Application: The 15W models are recommended to be mounted at 5~6M height pole for lighting of road such as Garden road and Walking road.

MODEL	(Deluxe)HXXY-SSL-15C	(Standard Version)HXXY-SSL-15C
MAX LAMP LUMEN	1800LM	1650LM
LED LIGHT SOURCE	15W:CREE 5050 18W*1	15W:PHILIPS 3030 18W*1
SOLAR PV	SunPower Monocrystalline 18v/30Wp	Monocrystalline 18v/30Wp
BATTERY	LiFePo4 Lithium 12.8V/15AH	LiFePo4 Lithium 12.8V/12AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	9hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>12hrs/Dim Mode>60	Bright Mode>10hrs/Dim Mode>50
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	5~6M	5~6M
POLE DISTANCE	15~20M	15~20M
PRODUCT SIZE	630*300*90mm	630*300*90mm
NET WEIGHT	8.5kg	7.5kg
PACKAGE	1psc/CTN 3psc/CTN	1psc/CTN 3psc/CTN
CARTON SIZE	690*370*130mm 720*390*420mm	690*370*130mm 720*390*420mm
GROSS WEIGHT	9.5kg 26.5kg	8.5kg 23.5kg
PCS/Container	1530/40', 765/20'	1530/40', 765/20'



10W All-In-One Solar LED Street Light





Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+ Years
Light Bead Brand	Light Bead Life
CREE 	10+ Years

Color Temperature Available:
2700-6500K

Application: The 10W models are recommended to be mounted at 4-5M height pole for lighting of road such as Garden road and Walking road.

MODEL	(Deluxe)HXXY-ISSL-10C	(Standard Version)HXXY-ISSL-10C
MAX LAMP LUMEN	1200LM	1100LM
LED LIGHT SOURCE	10W:CREE 5050 10W*1	10W:PHILIPS 3030 10W*1
SOLAR PV	SunPower Monocrystalline 18v/25Wp	Monocrystalline 18v/20Wp
BATTERY	LiFePo4 Lithium 12.8V/9AH	LiFePo4 Lithium 12.8V/6AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	7hours(STC)	6hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>11hrs/Dim Mode>55	Bright Mode>8hrs/Dim Mode>40
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	4~5M	4~5M
POLE DISTANCE	10~15M	10~15M
PRODUCT SIZE	530*300*90mm	530*300*90mm
NET WEIGHT	7kg	6kg
PACKAGE	1pcs/CTN 3pcs/CTN	1pcs/CTN 3pcs/CTN
CARTON SIZE	570*370*130mm 590*390*420mm	570*370*130mm 590*390*420mm
GROSS WEIGHT	8kg 25kg	7kg 19kg
PCS/Container	1800/40', 900/20'	1800/40', 900/20'



8W All-In-One Solar LED Street Light





Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+ Years
Light Bead Brand	Light Bead Life
CREE 	10+ Years

Color Temperature Available:
2700-6500K

Application: The 8W models are recommended to be mounted at 3-4M height pole for lighting of road such as Garden road and Walking road.

MODEL	(Deluxe)HXXY-ISSL-8C	(Standard Version)HXXY-ISSL-8C
MAX LAMP LUMEN	960LM	880LM
LED LIGHT SOURCE	8W:CREE 5050 8W*1	8W:PHILIPS 3030 8W*1
SOLAR PV	SunPower Monocrystalline 18v/15Wp	Monocrystalline 18v/15Wp
BATTERY	LiFePo4 Lithium 12.8V/9AH	LiFePo4 Lithium 12.8V/6AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	10hours(STC)	7hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>12hrs/Dim Mode>60	Bright Mode>10hrs/Dim Mode>50
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	3~4M	3~4M
POLE DISTANCE	8~10M	8~10M
PRODUCT SIZE	480*390*90mm	480*390*90mm
NET WEIGHT	6.5kg	5.5kg
PACKAGE	1pcs/CTN 3pcs/CTN	1pcs/CTN 3pcs/CTN
CARTON SIZE	540*370*130mm 560*390*420mm	540*370*130mm 560*390*420mm
GROSS WEIGHT	7.5kg 23.5kg	6.5kg 20.5kg
PCS/Container	1980/40', 960/20'	1980/40', 960/20'



5W All-In-One Solar LED Street Light



CE
FC
RoHS
IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE 	10+ Years

Color Temperature Available:
2700-6500K

Application: The 5W models are recommended to be mounted at 3-4M height pole for lighting of road such as Garden road and Walking road.

MODEL	(Deluxe)HXXY-ISSL-5C	(Standard Version)HXXY-ISSL-5C
MAXLAMP LUMEN	960LM	880LM
LED LIGHT SOURCE	5W:CREE 5050 5W*1	5W:PHILIPS 3030 5W*1
SOLAR PV	SunPower Monocrystalline 18v/15Wp	Monocrystalline 18v/10Wp
BATTERY	LiFePo4 Lithium 12.8V/6AH	LiFePo4 Lithium 12.8V/3AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	7hours(STC)	6hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>13hrs/Dim Mode>65	Bright Mode>8hrs/Dim Mode>40
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	3~4M	3~4M
POLE DISTANCE	8~10M	8~10M
PRODUCT SIZE	480*390*90mm	480*390*90mm
NET WEIGHT	6kg	5kg
PACKAGE	1pc/CTN 3pcs/CTN	1pc/CTN 3pcs/CTN
CARTON SIZE	540*370*130mm 560*390*420mm	540*370*130mm 580*390*420mm
GROSS WEIGHT	7kg 22kg	6kg 18kg
PCS/Container	1980/40', 960/20'	1980/40', 960/20'



40W Separated Solar High Power LED Street Light



CE
FC
RoHS
IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE 	10+ Years

Color Temperature Available:
2700-6500K

Application: The 40W models are recommended to be mounted at 7-8M height pole for lighting of road no more than 2 lanes such as main street, express way and highway.

MODEL	(Deluxe)HXXY-ISSL-40C	(Standard Version)HXXY-ISSL-40C
MAXLAMP LUMEN	5200LM	4800LM
LED LIGHT SOURCE	40W:CREE 5050 40W*1	40W:PHILIPS 3030 40W*1
SOLAR PV	SunPower Monocrystalline 18v/80Wp	Monocrystalline 18v/60Wp
BATTERY	LiFePo4 Lithium 12.8V/33AH	LiFePo4 Lithium 12.8V/27AH
BATTERY LIFE	8+Years	8+Years
FULL CHARGE TIME	8hours(STC)	8hours(STC)
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>50	Bright Mode>8hrs/Dim Mode>45
WORK TEMP	-20°C~+80°C	-20°C~+80°C
POLE HEIGHT	7~8M	7~8M
POLE DISTANCE	25~30M	25~30M
SOLAR PANEL SIZE	670*676*30mm	670*676*30mm
LIGHT SIZE	550*250*70mm	550*250*70mm
PACKAGE	1pc/CTN	1pc/CTN
CARTON SIZE	Solar Panel: 685*690*45mm Light: 565*265*85mm	Solar Panel: 685*690*45mm Light: 565*265*85mm
GROSS WEIGHT	Solar Panel: 13kg Light: 10kg	Solar Panel: 13kg Light: 10kg
PCS/Container	Solar Panel: 2958/40', 1392/20' Light: 5040/40', 2400/20'	Solar Panel: 2958/40', 1392/20' Light: 5040/40', 2400/20'



25W All-In-One Solar LED Street Light



With Remote Control

CE
FC
RoHS
IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
CREE	10+ Years

Color Temperature Available:
2700-6500K

Application: The 25W models are recommended to be mounted at 7M height pole for lighting of road no more than 2 lanes such as street and highway.
Light post size: 76~104mm in diameter

MODEL	(Deluxe)HXXY-ISSL-25C	(Standard Version)HXXY-ISSL-25C	E-commerce platform:
MAXLAMP LUMEN	3100LM	2800LM	amazon Aliexpress Lazada
LED LIGHT SOURCE	25W:CREE 5050 12.5W*2	25W:PHILIPS 3030 12.5W*2	HOT STYLE
SOLAR PV	SunPower Monocrystalline 18v/50Wp	Monocrystalline 18v/40Wp	
BATTERY	LiFePo4 Lithium 12.8V/21AH	LiFePo4 Lithium 12.8V/18AH	
BATTERY LIFE	8+Years	8+Years	
FULL CHARGE TIME	8hours(STC)	8hours(STC)	
SENSOR	Microwave Radar/Timing as Optional	Microwave Radar/Timing as Optional	
DISCHARGE TIME	Bright Mode>10hrs/Dim Mode>50	Bright Mode>9hrs/Dim Mode>45	
WORK TEMP	-20°C~+80°C	-20°C~+80°C	
POLE HEIGHT	6~7M	6~7M	
POLE DISTANCE	20~25M	20~25M	
PRODUCT SIZE	880*300*150mm	880*300*150mm	
NET WEIGHT	14.5kg	13.5kg	
PACKAGE	1pc/CTN	1pc/CTN	
CARTON SIZE	940*340*200mm	940*340*200mm	
GROSS WEIGHT	16kg	15kg	
PCS/Container	840/40', 400/20'	840/40', 400/20'	



18W All-In-One Solar LED Street Light



With Remote Control

CE
FC
RoHS
IP65

Silicon Brand	Lifespan
SUNPOWER	25 Years
The Battery Brand	Battery Life
BST	8+Years
Light Bead Brand	Light Bead Life
BRIDGELUX	10+ Years

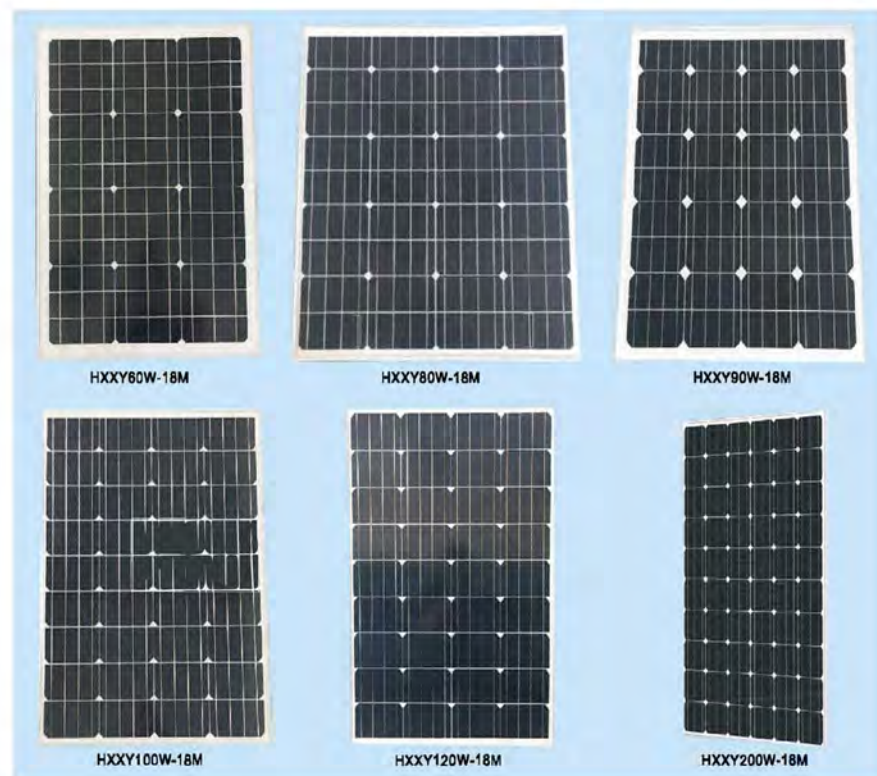
Color Temperature Available:
2700-6500K

Application: The 18W models are recommended to be mounted at 4~5M height pole for lighting of road no more than 2 lanes such as street and highway.
Light post size: 60~76mm in diameter

MODEL	(Deluxe)HXXY-ISSL-18C	(Standard Version)HXXY-ISSL-18C	E-commerce platform:
MAXLAMP LUMEN	2200LM	2000LM	amazon Aliexpress Lazada
LED LIGHT SOURCE	18W:PHILIPS 3030 9W*2	18W:BRIDGELUX 9W*2	HOT STYLE
SOLAR PV	SunPower Monocrystalline 3.2v/40Wp	Monocrystalline 3.2v/35Wp	
BATTERY	LiFePo4 Lithium 3.2V/18AH	LiFePo4 Lithium 3.2V/18AH	
BATTERY LIFE	8+Years	8+Years	
FULL CHARGE TIME	8hours(STC)	8hours(STC)	
SENSOR	PIR/Timing as Optional	PIR/Timing as Optional	
DISCHARGE TIME	Bright Mode>7hrs/Dim Mode>35	Bright Mode>6hrs/Dim Mode>30	
WORK TEMP	-20°C~+80°C	-20°C~+80°C	
POLE HEIGHT	4~5M	4~5M	
POLE DISTANCE	10~15M	10~15M	
PRODUCT SIZE	760*220*150mm	760*220*150mm	
NET WEIGHT	12.5kg	11.5kg	
PACKAGE	1pc/CTN	1pc/CTN	
CARTON SIZE	810*260*200mm	810*260*200mm	
GROSS WEIGHT	14kg	13kg	
PCS/Container	1386/40', 893/20'	1386/40', 893/20'	



Monocrystalline Silicon Solar Panel Module Series



		Monocrystalline Silicon		
Silicon Brand 		Lifespan 25 Years		
		Product material 3.2mm Thick Tempered Glass Aluminum Alloy Border		
PRODUCT MODEL	POWER	VOLTAGE	PRODUCT WEIGHT	PRODUCT SIZE
HXXY60W-18M	60W	18V	3.76kg	520*690*25mm
HXXY80W-18M	80W	18V	4.76kg	670*678*30mm
HXXY90W-18M	90W	18V	5.4kg	785*695*30mm
HXXY100W-18M	100W	18V	6.01kg	870*670*30mm
HXXY120W-18M	120W	18V	6.69kg	1000*670*35mm
HXXY200W-18M	200W	18V	13.6kg	1580*808*40mm



LED Solar Foot/Wall/Security Light(All In One)



Silicon brand	Lifespan
SUNPOWER	25 Years
The battery brand	Battery Life
	5+Years
light bead brand	Light bead life
OSRAM Opto Semiconductors	5+ Years

Color Temperature Available:
3000~3500K

Light Pattern: Constant light→Flash 3 Times→Constant light

Instructions: When using, activate with strong light (such as sunlight or indoor lighting or mobile phone torch); When closed, use the ball switch to turn it off in the direction indicated by the arrow (ball switch only serves to turn it off).

MODEL	HXXY-1218-1
MAXLAMP LUMEN	50LM
LED LIGHT SOURCE	0.8W-OSRAM 2835 *12
SOLAR PV	Polycrystalline Silicon 5.5V/1W
BATTERY	LiFePo4 Lithium 3.2V/600MAH
FULL CHARGE TIME	2hours(STC)
DISCHARGE TIME	Bright Mode>15hrs
WORK TEMP	-30℃~+80℃
Light Color	Warm white light
Irradiation Angle	Flat 360°
Material:	Advanced P C
PRODUCT WEIGHT	Net weight: 160g 220g/Box (One Pack) 380g/Box (Two Pack)
PRODUCT SIZE	110*110*23mm
Box Size	140*122*35mm (One Pack) 140*122*58mm (Two Pack)
CARTON SIZE	52*48.5*30.5CM (One Pack) 52*390*30.5CM (Two Pack)
PACKAGE	1pcs/BOX, 96Boxes/CTN (One Pack) 2pcs/BOX, 48Boxes/CTN (Two Pack)
GROSS WEIGHT	22kg (One Pack) 19.3kg (Two Pack)
PCS/Container	70656/40', 33792/20' (One Pack) 92736/40', 44352/20' (Two Pack)

Application: Garage Pavement, Walls; Courtyard Walls, Exit Doors; Pool Edge, Water Level Of The Pool, Stair Edge.



SOLAR STREET LIGHT

100W/150W/200W/250W/300W



PRODUCT SPECIFICATION

Model	0477A100-01	0477B150-01	0477C200-01
LED Lamp	3030 LED 108PCS	3030 LED 144PCS	3030LED 180PCS
Color Temperature	6000K	6000K	6000K
Solar Panel	18V 81W, Mono-crystalline	18V 116W, Mono-crystalline	18V 120W, Mono-crystalline
Battery Type	LiFePO4 12.8V 36AH	LiFePO4 12.8V 54AH	LiFePO4 12.8V 57AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Luminous Efficiency	160 lm/w	160 lm/w	160 lm/w
IP Rate	IP65	IP65	IP65
Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Product Size	1079*386*153mm	1489*386*153mm	1539*386*153mm
Warranty	3 Years	3 Years	3 Years

Model	0477D250-01	0477E300-01	0477F350-01
LED Lamp	3030 LED 216PCS	3030LED 252PCS	3030 LED 288PCS
Color Temperature	6000K	6000K	6000K
Solar Panel	18V 129W, Mono-crystalline	18V 140W, Mono-Crystalline	18V 162W, Mono-crystalline
Battery Type	LiFePO4 12.8V 66AH	LiFePO4 12.8V 72AH	LiFePO4 12.8V 84AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Luminous Efficiency	160 lm/w	160 lm/w	160 lm/w
IP Rate	IP65	IP65	IP65
Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Product Size	1629*386*153mm	1869*386*153mm	2029*386*153mm
Warranty	3 Years	3 Years	3 Years

SOLAR STREET LIGHT



Solar Energy



Fast Charging



High Capacity



Ip65 Waterproof

SOLAR STREET LIGHT

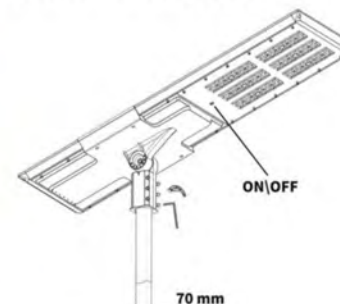
200W/300W



PRODUCT SPECIFICATION

Item No.	0310F200-04	0310G300-01
LED Lamp	5050 LED 168PCS 6000K	5050 LED 252PCS 6000K
Solar Panel	16.5V 180W, Mono-Crystalline	18V 200W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 90AH	LiFePO4 12.8V 108AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	200 lm/w	200 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	8-10m	10-12m
Dimensions	1550*534*174mm	1767*534*174mm
Warranty	3 years	3 years

INSTALLATION GUIDE



WARNING

- Please avoid looking directly at the light.
- The charging and dismantling process must be carried out in a safe place.
- Do not short-circuit, disassemble ; do not put in the water and near the fire.
- without professionals, do not attempt to repair or replace the battery , the supplier shall not be responsible for any damage of the consequence of replacing or repairing the battery that not conducting by supplier.



5 Busbar Cell:

5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application.



High Efficiency

High Module conversion efficiency, through innovative manufacturing technology.



Low-Light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Serve Weather Resilience

Certified to withstand wind load (2400Pa) and snow load (5400Pa).



Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV.



0 to +5W Positive Tolerance

Detailed information in Electrical Specifications.

SOLAR STREET LIGHT

60W/90W/120W/150W



PRODUCT SPECIFICATION

Model	0418A60-04	0418B90-04
LED Lamp	3030 LED 48PCS 6000K	3030 LED 72PCS 6000K
Solar Panel	6V 60W, Mono-crystalline	6V 80W, Mono-crystalline
Battery Type	LiFePO4 3.2V 43AH	LiFePO4 3.2V 86AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
Control Way	Motion Sensor+Light Control	Motion Sensor+Light Control
Led	160 lm/w	160 lm/w
Material	Aluminium alloy	Aluminium alloy
Product Size	811*407*209mm	1127*407*209mm
Install Height	3-5m	4-6m
Warranty	3 years	3 years

Model	0418C120-04	0418D150-04
LED Lamp	3030 LED 96PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	6V 100W, Mono-crystalline	6V 120W, Mono-crystalline
Battery Type	LiFePO4 3.2V 86AH	LiFePO4 3.2V 129AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
Control Way	Motion Sensor+Light Control	Motion Sensor+Light Control
Led	160 lm/w	160 lm/w
Material	Aluminium alloy	Aluminium alloy
Product Size	1496*407*209mm	1651*407*209mm
Install Height	6-8m	8-10m
Warranty	3 years	3 years

SOLAR STREET LIGHT

400W/600W



PRODUCT ADVANTAGE

- Fully programmable via solar controller and photo control
- Built-in battery and solar controller
- Extremely high, color-accurate visibility

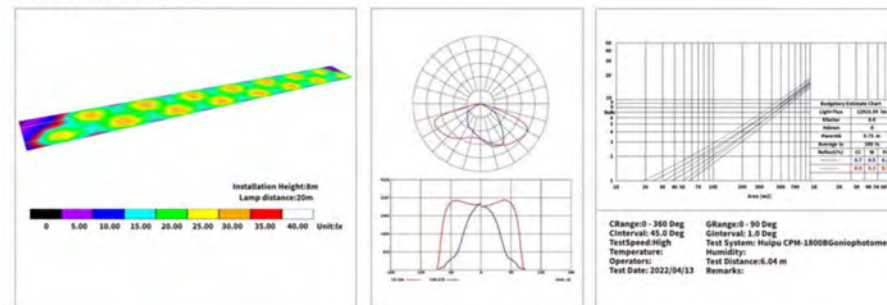
 Better Restore Natural Color
CRI>70

 Luminous efficiency:
160lm/w

PRODUCT SPECIFICATION

Model	0412A400-01	0412C600-01	0412C600-02
LED Lamp	3030LED 576PCS 6000K	3030 LED 864PCS 6000K	5050 LED 216PCS 6000K
Solar Panel	20V 180W Mono-crystalline	30V 245W Mono-crystalline	30V 245W Mono-crystalline
Battery Type	LiFePO4 12.8V 72AH	LiFePO4 12.8V 100AH	LiFePO4 12.8V 130AH
IP Rating	IP65	IP65	IP65
Charging time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging time	2 Rainy days	2 Rainy days	2 Rainy days
Lumen	160lm/w	160lm/w	160lm/w
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Lamp Size	1917*420*365.5mm	1917*604*366.5mm	1917*604*366.5mm
Warranty	3Years	3Years	3Years

PHOTOMETRICS



HYBRID AC POWER AND SOLAR LED STREET LIGHT

The mains power supply intelligently replenishes energy

SOLAR STREET LIGHT

100W/150W/180W/250W



PRODUCT SPECIFICATION

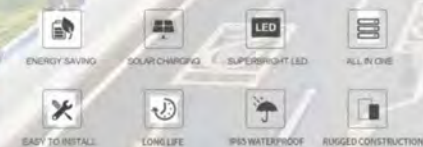
Model	0411A180-01	0339A100-01	0339A100-02
LED Lamp	5050LED 112PCS	3030LED 100PCS/5730LED 1680PCS	3030LED 120PCS/5730LED 1800PCS Green light
Color Temperature	6000K	6000K	6000K
Solar Panel	17.5V 175W, Mono-crystalline	17.5V 105W, Mono-crystalline	36V 216W, Mono-crystalline
Battery Type	LiFePO4 12.8V 80AH	LiFePO4 12.8V 54AH	LiFePO4 25.6V 81AH
Controller	15A*1PCS	15A*1PCS	15A*1PCS
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	12-15hours	12-15hours	12-15hours
LED	160lm/w	160lm/w	160lm/w
Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Lamp Size	711*269*111mm	595*300*110mm	510*286*77mm
Solar Panel Size	1185*180*4mm*5pcs	1185*180*4mm	1955*180*4mm
Install Height	10-12m	10-12m	10-12m
Warranty	2 Years	2 Years	2 Years

Model	0339B150-01	0339D250-01
LED Lamp	3030LED 150PCS/5730LED 780PCS	3030LED 250PCS / 5730LED 1152PCS Green light
Color Temperature	6000K	6000K
Solar Panel	18V 216W, Mono-crystalline	36V 216W, Mono-crystalline
Battery Type	LiFePO4 12.8V 81AH	LiFePO4 25.6V 81AH
Controller	15A*1PCS	15A*1PCS
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15hours	12-15hours
LED	160lm/w	160lm/w
Material	Die-casting Aluminum	Die-casting Aluminum
Lamp Size	677*300*110mm	850*300*110mm
Solar Panel Size	1955*180*4mm	1995*180*4mm
Install Height	10-12m	10-12m
Warranty	2 Years	2 Years



PRODUCT DESCRIPTION

- Fully programmable via solar controller and photo control
- Built-in battery and solar controller and adapter
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge
- Perfect for street, parks, parking lots, school campuses, etc.



SOLAR STREET LIGHT

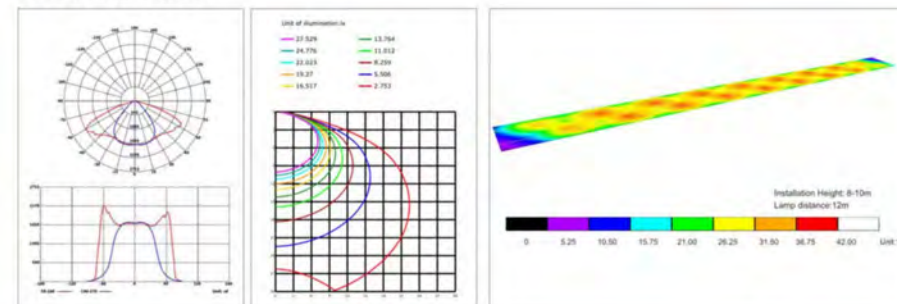
200W/300W/400W



PRODUCT SPECIFICATION

Item No.	0278B200-11	0278C300-01	0278D400-08
LED Lamp	3030 LED 288PCS 6000K	3030 LED 432PCS 6000K	3030 LED 576PCS 6000K
Solar Panel	18v 88W Mono-Crystalline	18V 100W Mono-Crystalline	16.5V 130W Mono-Crystalline
Battery Type	LiFePO4 12.8V 64AH	LiFePO4 12.8V 80AH	LiFePO4 12.8V 96AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	Aluminium	Aluminium	Aluminium
Install Height	1207*358*303mm	1487*358*303mm	1800*400*303mm
Dimensions	6-8m	8-10m	10-12m

PHOTOMETRICS



SOLAR STREET LIGHT

360W



PRODUCT ADVANTAGE

• High Quality Solar Panels

Fast energy storage, 20% higher photoelectric conversion rate, and with a built-in lithium battery it only takes 6-8 hours to fully charge.

• High Brightness Solar Light

This street light has high-brightness energy-saving LED beads, suitable for outdoor places such as courtyards, gardens, patios, parking lots etc.

• Easy To Installation

The solar street light is easy to install and can be mounted on a wall or a pole, it can save installation costs and maintenance costs, electricity bills as

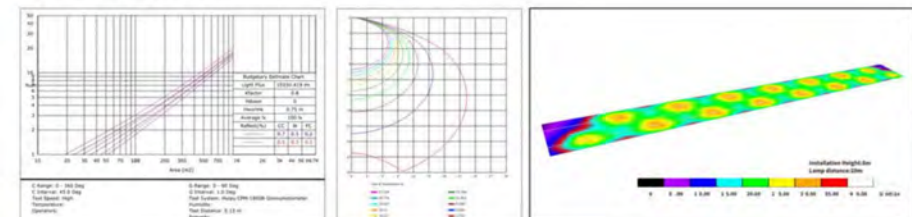
• Well Worry-Free Warranty

Anything goes wrong, free to call or email us any time.

PRODUCT SPECIFICATION

Model	0386A360-01
LED Chip	3030 LED 360W
Color Temperature	6000K
Solar Panel	18V 230W, Monocrystalline
Battery Type	LiFePO4 12.8V 100AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
Led	160 lm/w
Material	Aluminum Alloy
Product size	1500*1103*210mm
Install Height	8-12m
Warranty	3 Years

PHOTOMETRICS



SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W



GOOD QUALITY AND FAST CHARGING

High-quality solar panels have high conversion rate, fast light absorption, can protect the circuit from damage, and can be charged quickly, which is very safe. The high-capacity battery ensures its high brightness and long hours of work from dusk to dawn, guaranteeing long-term illumination.

COPE HARSH WEATHER, IP65 WATERPROOF

The new shell design makes the LED street light last up to 5 years. This solar street light has very good waterproof, rainproof and lightning protection performance, temperature resistance -4°F-120°F, IP65 waterproof and can work in all kinds of bad weather.

EASY INSTALLATION

Solar panel street lights can be installed by themselves and are easy to install. It has a wide irradiation range and can meet the lighting needs of large places such as parking lots, sports venues, gardens, Roads and other big places.

PRODUCT SPECIFICATION

Item No.	0911A50-01	0911B100-01	0911C150-01
LED Lamp	3030 LED 48PCS 6000K	3030 LED 96PCS 6000K	3030 LED 144PCS 6000K
Solar Panel	18V 36WV, Mono-Crystalline	18V 45W, Mono-Crystalline	18V 65W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 30AH	LiFePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lmw	160 lmw	160 lmlw
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Install Height	3-5m	5-7m	7-9m
Dimensions	532*343*150mm	642*343*150mm	1004*343*150mm
Warranty	3 years	3 years	3 years

Item No.	0911D200-01	0911E250-01	0911F300-01
LED Lamp	3030 LED 192PCS 6000K	3030 LED 240PCS 6000K	3030 LED 288PCS 6000K
Solar Panel	18V 88W, Mono-Crystalline	18V 100W, Mono-Crystalline	16.5V 130W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH	LiFePO4 12.8V 72AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lmw	160 lmlw
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Install Height	9-12m	8-12m	8-12m
Dimensions	1192*343*150mm	1472*343*150mm	1783*384*150mm
Warranty	3 years	years	3 years

SOLAR STREET LIGHT

200W/250W

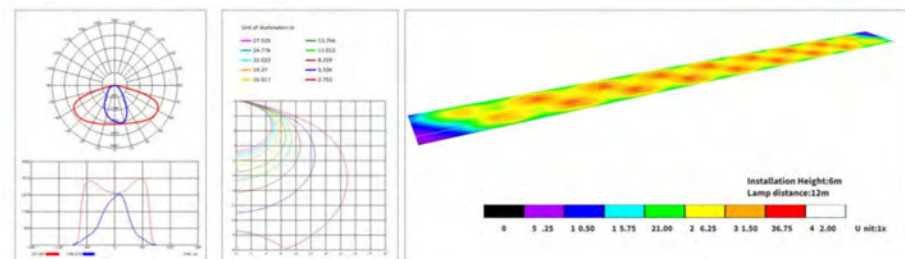


- ENERGY SAVING
- SOLAR CHARGING
- EASY INSTALLATION
- LONG LIFE
- SUPERBRIGHT LED
- ALL IN ONE
- IP65 WATERPROOF
- HIGH QUALITY

PRODUCT SPECIFICATION

Item No.	0911D200-08	0911E250-08
LED Lamp	3030 LED 80PCS 6000K	3030 LED 160PCS 6000K
Solar Panel	18V 88W, Monocrystalline	18V 100W, Monocrystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum
Install Height	6-8m	8-10m
Dimensions	1192*343*150mm	1472*343*150mm
Warranty	3 years	3 years

PHOTOMETRICS



SOLAR STREET LIGHT

150W/180W



High Quality Solar Panels

Fast energy storage, 20% higher photoelectric conversion rate, and with a built-in lithium battery, it only takes 6-8 hours to fully charge.

High Brightness Solar Light

This street light has high-brightness energy-saving LED beads, suitable for outdoor places such as courtyards, gardens, patios, parking lots, etc.

Easy To Installation

The solar street light is easy to install, and can be mounted on a wall or a pole, it can saving installation costs and maintenance costs, electricity bills as well.

Worry-Free Warranty

3 years warranty if anything goes wrong. free to call or email us any time.

PRODUCT SPECIFICATION

Item No.	0310E150-03	0310E180-02
LED Lamp	3535 LED 84PCS 6000K	5050 LED 112PCS 6000K
Solar Panel	18V 85W,Mono-Crystalline	17.5V100W,Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 54AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-cast Aluminum	Die-cast Aluminum
Install Height	6-8m	9-12m
Dimensions	1063*401*133mm	1221*401*133mm

Item No.	0310E150-01	0310E180-01
LED Lamp	3535 LED 84PCS 6000K	5050 LED 112PCS 6000K
LED Lamp	5730 LED 48PCS Green Glow	5730 LED 48PCS Green Glow
Solar Panel	18V 85W,Mono-Crystalline	17.5V 100W,Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 54AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-cast Aluminum	Die-cast Aluminum
Install Height	6-8m	9-12m
Dimensions	1224*401*133mm	1382*401*133mm

SOLAR STREET LIGHT

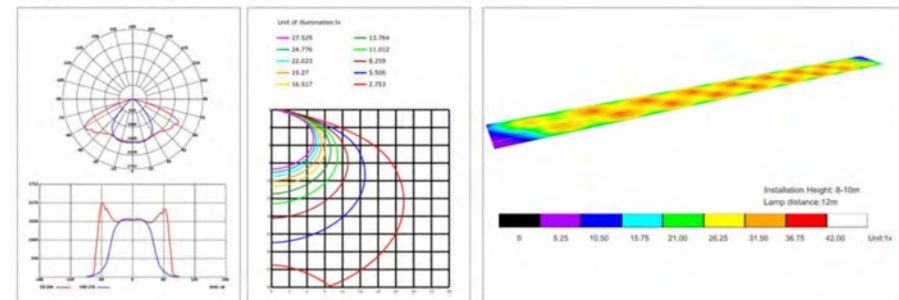
40W/60W/100W



PRODUCT SPECIFICATION

Item No.	0310B40-11	0310C60-29	0310D100-09
LED Lamp	5050 LED 28PCS 6000K	5050 LED 28PCS 6000K	5050 LED 56PCS 6000K
Solar Panel	16V 38W, Mono-Crystalline	16V 48W, Mono-Crystalline	16V 64W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160lm/w	160lm/w	160lm/w
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Install Height	4-6m	5-7m	6-8m
Dimensions	740*340*82 mm	860*360*82mm	980*360*125mm

PHOTOMETRICS



SOLAR STREET LIGHT

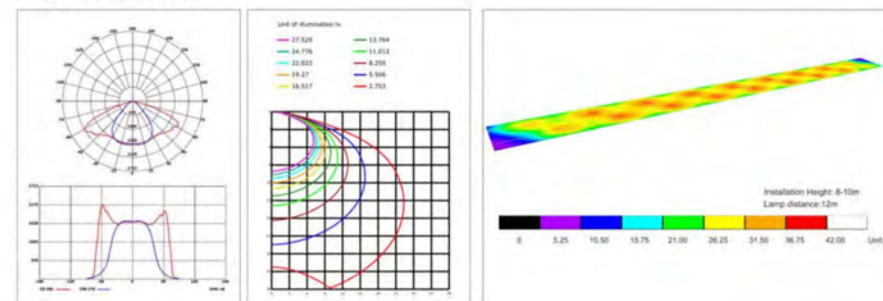
40W/60W/100W



PRODUCT SPECIFICATION

Item No.	0310B40-03	0310C60-26	0310D100-03
LED Lamp	5730 LED 200PCS 6000K	5730 LED 200Pcs 6000K	5730 LED 400PCS 6000K
Solar Panel	16V 38W, Mono-Crystalline	16V 48W, Mono-Crystalline	16V 64W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	4-7m	5-8m	6-9m
Dimensions	740*340*82 mm	860*360*82mm	980*360*125 mm

PHOTOMETRICS



SOLAR STREET LIGHT

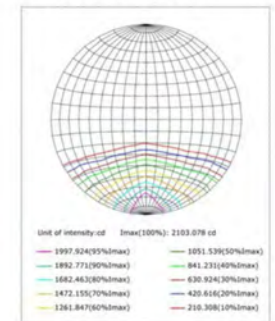
150W



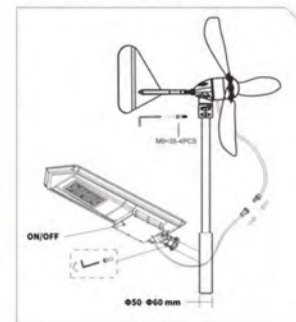
PRODUCT SPECIFICATION

Item No.	0310E150-05
LED Lamp	3535 LED 84PCS 6000K
LED Lamp	5730 LED 48PCS Green Glow
Solar Panel	18V 85W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	Die-cast Aluminum
Install Height	6-8m
Dimensions	1224*401*133mm
Warranty	3 years

PHOTOMETRICS



INSTALLATION GUIDE



Wind Turbine



Solar LED Street Light



- Step 1: Fix the upper part of the light pole, pay attention to the direction of solar radiation when fixing, to ensure the effective light absorption of the solar panels installed behind;
- Step 2: Fix the wind turbine to the top of the pole, and pull the wire out of the side hole of the pole;
- Step 3: Put the lamp on the arm;
- Step 4: Connect according to the diagram above, make sure it is correct and then turn on the switch.

Warning:

- Please avoid looking directly at the light.
- Dismantling process must be carried out in a safe place.
- Do not short-circuit, disassemble; do not put in the water and near the fire.
- Without the guidance of experts, users are forbidden to repair or dismantle the lights; The supplier shall not be responsible for any consequences owing to incorrect operation or wrong maintained by users.

SOLAR STREET LIGHT

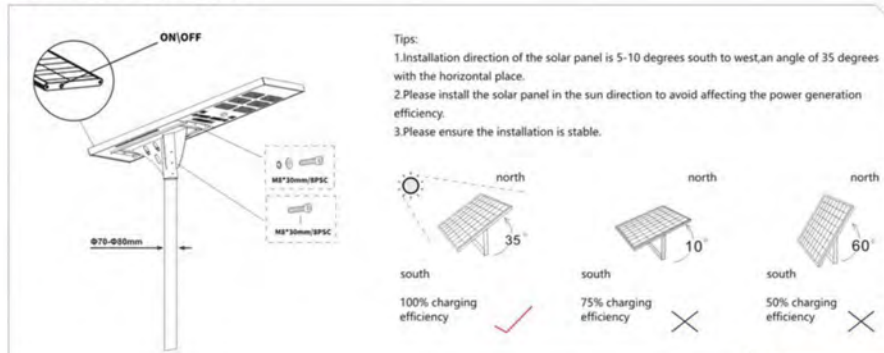
200W/180W



PRODUCT SPECIFICATION

Model	0950H200-02	0348B180-01
LED Lamp	3030LED 288PCS 6000K	3030LED 216PCS 6000K
Solar Panel	Polycrystalline 18V 180W	Polycrystalline 24V 130W
Battery Type	LiFePO4 12.8V 72AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	2rainy days
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum alloy
Product Size	1478*702*370mm	1338*545*370mm
Install Height	8-10m	8-10m
Warranty	3 Years	3 Years

INSTALLATION GUIDE



SOLAR STREET LIGHT

60W/120W/180W/240W



PRODUCT SPECIFICATION

Item No.	0856A60-02	0856B120-02
LED Lamp	5730 LED 108PCS 6000K-6500K	5730LED 216PCS 6000K-6500K
Solar Panel	10V 16W, Polycrystalline	10V 22W, Polycrystalline
Battery Type	LiFePO4 6.4V 12AH	LiFePO4 6.4V 18AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum
Install Height	4-6m	6-8m
Dimensions	502*220*123mm	702*220*123 mm
Warranty	3 years	3 years

Item No.	0856C180-02	0856D240-02
LED Lamp	5730 LED 324PCS 6000K-6500K	5730 LED 432PCS 6000K-6500K
Solar Panel	10V 28W, Polycrystalline	10v 39W, Polycrystalline
Battery Type	LiFePO4 6.4V 24AH	LiFePO4 6.4V 30AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum
Install Height	8-10m	8-12m
Dimensions	902*220*123 mm	1117*220*53mm
Warranty	years	3 years

SOLAR STREET LIGHT

60W/90W/120W/150W/180W



PRODUCT SPECIFICATION

Item No.	0318A60-01	0318B90-01	0318C120-01
LED Lamp	3030 LED 60PCS 6000K	3030 LED 90PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	16V 48W, Monocrystalline	16V 64W, Monocrystalline	18V 85W, Monocrystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 30AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Install Height	4-6m	5-7m	6-8m
Dimensions	726*362*148mm	935*362*148mm	1039*425*148mm
Warranty	3 years	3 years	3 years

Item No.	0318D150-01	0318E180-01
LED Lamp	3030LED 150PCS 6000K	3030LED 180PCS 6000K
Solar Panel	17.5V 100W, Monocrystalline	20V 120W, Monocrystalline
Battery Type	LiFePO4 12.8V 36AH	LiFePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Aluminium Alloy	Aluminium Alloy
Install Height	8-10m	10-12m
Dimensions	1197*425*148mm	1354*425*148mm
Warranty	3 years	3 years



PRODUCT ADVANTAGE

- Fully programmable via solar controller and photo control
- Built-in battery and solar controller
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge
- Perfect for street, parks, parking lots, school campuses etc.

SOLAR STREET LIGHT

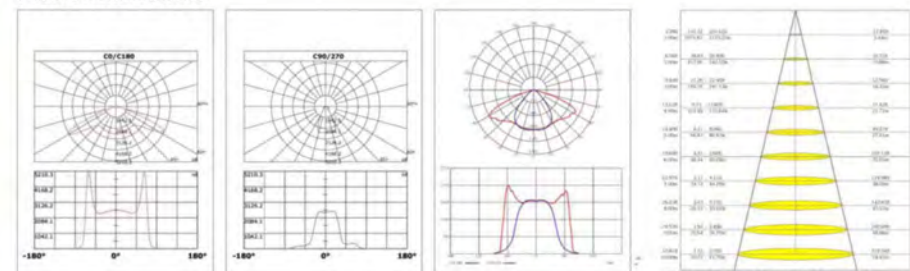
120W/180W



PRODUCT SPECIFICATION

Model	0381B120-20	0381C180-20
LED Lamp	3030 LED 120PCS 6000K	3030 LED 200PCS 3000-6000K
Solar Panel	5V 30W Mono-crystalline	5V 30W Mono-crystalline
Battery Type	LiFePO4 3.2V 30AH	LiFePO4 3.2V 55AH
IP Rating	IP65	IP65
Charging time	6-8 Hours	6-8 Hours
Discharging time	12-15 Hours	2 Rainy days
Lumen	160 lm/w	160 lm/w
Material	Aluminum alloy	Aluminum alloy
Lamp Size	905*210*145mm	1116*229*138mm
Install Height	4-6m	6-8m
Warranty	3 Years	3 Years

PHOTOMETRICS



SOLAR STREET LIGHT

100W/200W/300W/400W



PRODUCT SPECIFICATION

Item No.	0363A100-05	0363B200-05
LED Lamp	3030 LED 30PCS 6000K	3030 LED 60PCS 6000K
Solar Panel	5V 25W, Monocrystalline	5V 30W, Monocrystalline
Battery Type	LiFePO4 3.2V 24AH	LiFePO4 3.2V 30AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
LED	160 lm/w	160 lm/w
Material	Die-casting Aluminium	Die-casting Aluminium
Install Height	656*237*176mm	770*237*176mm
Dimensions	3-5m	4-6m
Warranty	3 years	3 years

Item No.	0363C300-05	0363D400-05
LED Lamp	3030 LED 90PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	5V 40W, Monocrystalline	5V 45W, Monocrystalline
Battery Type	LiFePO4 3.2V 36AH	LiFePO4 3.2V 48AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
LED	160 lm/w	160 lm/w
Material	Die-casting Aluminium	Die-casting Aluminium
Install Height	878*237*178mm	999*238*175mm
Dimensions	5-7m	5-7m
Warranty	3 years	3 years

SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W



PRODUCT ADVANTAGE

1. Integrated structure design, saving transportation cost. Easy to install and convenient for maintenance.
2. Die-cast aluminum bracket, high mechanical strength, anti-wind resistance of Level-16.
3. Enlarged capacity LED module design, equipped with high-brightness Bridgelux LED chips, improving the brightness by 30%.
4. Three lighting modes, flexible to switch via remote control.



PRODUCT SPECIFICATION

Model	0426A50-01	0426B100-01	0426C150-01
LED Chip	5730 LED 44PCS 3000-6000K	5730 LED 88PCS 3000-6000K	5730 LED 132PCS 3000-6000K
Solar Panel	4.5V 4.5W, Polycrystalline	4.5V 7W, Polycrystalline	4.5V 9W, Polycrystalline
Battery Type	LiFePO4 3.2V 5AH	LiFePO4 3.2V 6AH	LiFePO4 3.2V 10AH
Charging Time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours	12-15 Hours
LED	160lm/w	160lm/w	160lm/w
Material	ABS	ABS	ABS
Product Size	292*195*64mm	384*190*64mm	478*211*71mm
Install Height	3-5m	4-6m	5-7m
Warranty	2 years	2 years	2 years

Model	0426D200-01	0426E250-01	0426F300-01
LED Chip	5730 LED 176PCS 3000-6000K	5730 LED 220PCS 3000-6000K	5730 LED 264PCS 3000-6000K
Solar Panel	4.5V 15W, Polycrystalline	4.5V 16W, Polycrystalline	4.5V 18W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 15AH	LiFePO4 3.2V 18AH
Charging Time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours	12-15 Hours
LED	160lm/w	160 lm/w	160 lm/w
Material	ABS	ABS	ABS
Product Size	624*225*71mm	704*226*72mm	785*226*72mm
Install Height	6-8m	7-8m	8-9m
Warranty	2 years	2 Years	2 Years

SOLAR STREET LIGHT

30W/60W/90W/120W/150W



PRODUCT SPECIFICATION

Item No.	0845A30-01	0845B60-01	0845C90-01
LED Lamp	5730 LED 60PCS 6000K	5730 LED 120PCS 6000K	5730 LED 180PCS 6000K
Solar Panel	6V 7W, Polycrystalline	6V 9W, Polycrystalline	6V 12W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 18AH	LiFePO4 3.2V 24AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24hours	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	ABS	ABS	ABS
Dimensions	400*230*65 mm	530*240*65 mm	645*250*65 mm
Install Height	3-5m	4-6m	5-8m
Warranty	3 years	3 years	3 years

Model	0845D120-01	0845E150-01
LED Chip	5730 LED 240PCS 6000K	5730 LED 300PCS 6000K
Solar Panel	6V 18W, Polycrystalline	6V 22W, PolycrystallineLiFe
Battery Type	LiFePO4 3.2V 30AH	PO4 3.2V 36AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	ABS	ABS
Product Size	750*250*65 mm	838*250*65mm
Install Height	5-8m	5-8m
Warranty	3 years	3 years

SOLAR STREET LIGHT

50W/100W/150W/200W/250W/300W



PRODUCT ADVANTAGE

- Fully programmable via solar controller and photo control
- Built-in battery and solar controller
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge
- Perfect for street, parks, parking lots, school campuses etc.



PRODUCT SPECIFICATION

Item No.	0271A50-01	0271B100-01	0271C150-01
LED Lamp	5730 LED 60PCS 6000K	5730 LED 120PCS 6000K	5730 LED 180PCS 6000K
Solar Panel	5V 9W, Polycrystalline	5V 12W, Polycrystalline	5V 16W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 15AH	LiFePO4 3.2V 18AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w	160lm/w
Material	ABS	ABS	ABS
Dimensions	455*250*85mm	589*250*85mm	707*250*85mm
Install Height	2-4m	2-4m	3-5m

Item No.	0271D200-01	0271E250-01	0271F300-01
LED Lamp	5730 LED 240PCS 6000K	5730 LED 300PCS 6000K	5730 LED 360PCS 6000K
Solar Panel	5V 20W, Polycrystalline	5V 24W, Polycrystalline	5V 28W, Polycrystalline
Battery Type	LiFePO4 3.2V 24AH	LiFePO4 3.2V 30AH	LiFePO4 3.2V 45AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	ABS	ABS	ABS
Dimensions	810*250*85mm	923*250*85mm	1026*250*85mm
Install Height	4-6m	5-7m	6-8m

SOLAR STREET LIGHT

300W/600W



MOTION LIGHT SENSORU

The solar powered street light charging during the day and light up at night automatically. Constantly light motion sensor, brightness all can be customized by remote control. The solar street light has built-in light control, which can automatically adjust the light (light on at dusk, turn off at dawn, and enter charging mode).

GOOD QUALITY AND FAST CHARGING

High-quality solar panels have high conversion rate, fast light absorption, can protect the circuit from damage, and can be charged quickly, which is very safe. The high-capacity battery ensures its high brightness and long hours of work from dusk to dawn, guaranteeing long-term illumination.

EASY INSTALLATION

Solar panel street lights can be installed by themselves and are easy to install. It has a wide irradiation range and can meet the lighting needs of large places such as parking lots, Sports venues, gardens, Roads and other big places.

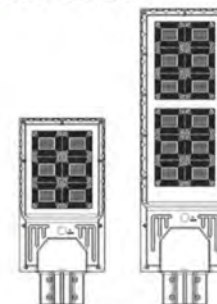
COPE HARSH WEATHER, IP65 WATERPROOF

The new shell design makes the LED street light last up to 5 years. This solar street light has very good waterproof, rainproof and lightning protection performance, temperature resistance -4°F-120°F. Ip65 waterproof and can work in all kinds of bad weather.

PRODUCT SPECIFICATION

Item No.	0315A300-01	0315B600-01
LED Lamp	5730 LED 270PCS 6000K	5730 LED 540PCS 6000K
Solar Panel	6V 9W, Polycrystalline	6V 22W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 24AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
LED	160 lm/w	160 lm/w
Material	ABS	ABS
Dimensions	528*240*75mm	837*250*75mm
Install Height	4-6m	5-7m
Warranty	2 years	2 years

USER GUIDE



- Tips:**
1. Installation direction of the solar panel is 5-10 degrees south to west, an angle of 35 degrees with the horizontal plane.
 2. Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.
 3. Please ensure the installation is stable.

1. Insert the lamp arm into the lamp body and tighten the screw.
2. Make sure the solar panel is installed towards the south and it isn't blocked by obstacles.

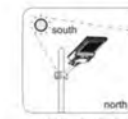
(A diagram for how the orientation impacts on power generation efficiency)



Wall Installation



Holding Pole Installation



100% charging efficiency



65% charging efficiency

SOLAR STREET LIGHT

60W/120W/180W/240W



PRODUCT SPECIFICATION

Item No.	0335A6O-01	0335B120-01
LED Lamp	3030 LED 60PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	18V 64W, Polycrystalline	18V 90W, Polycrystalline
Battery Type	LiFePO4 12.8V 36AH	LiFePO4 12.8V 48AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	3-5m	5-7m
Dimensions	503*169*85 mm	568*210*75 mm
Warranty	3 years	3 years

Item No.	0335C180-01	0335D240-01
LED Lamp	3030 LED 180PCS 6000K	3030 LED 240PCS 6000K
Solar Panel	18V 120W, Polycrystalline	18V 150W, Polycrystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	7-9m	9-12m
Dimensions	659*250*88 mm	734*300*95mm
Warranty	3 years	3 years

SOLAR STREET LIGHT

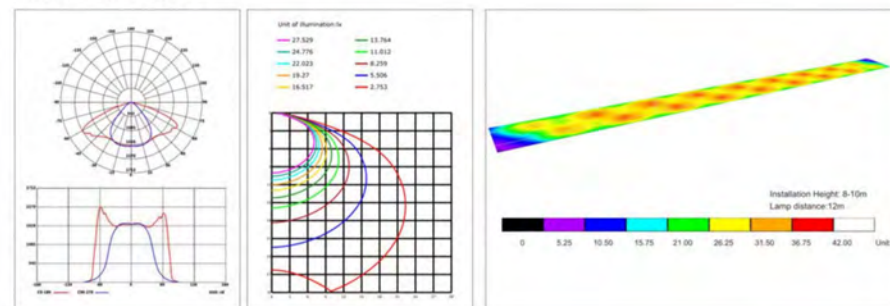
90W/180W



PRODUCT SPECIFICATION

Item No.	0865A90-02	0865A180-02
LED Lamp	5050 LED 56PCS 6000K	5050 LED 112PCS 6000K
Solar Panel	18V 90W, Polycrystalline	18V 180W, Polycrystalline
Battery Type	LiFePO4 12.8V 60AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	7-9m	10-12m
Dimensions	711*269*111 mm	711*269*111mm

PHOTOMETRICS



SOLAR STREET LIGHT

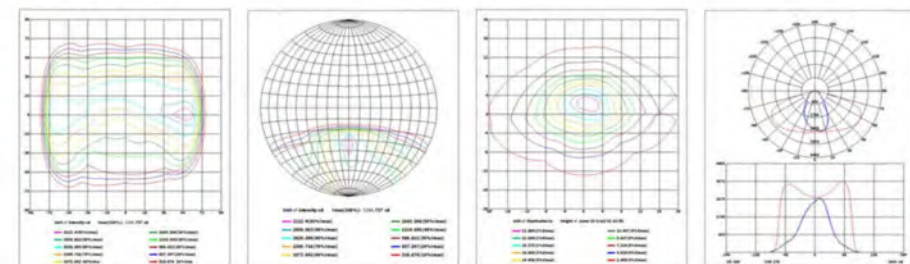
100W/200W



PRODUCT SPECIFICATION

Model	0357A100-21	0357B200-21
LED Chip	3030 LED 50PCS	3030 LED 80PCS
Solar Pane	LiFePO4 3.2V 35AH	LiFePO4 3.2V 43AH
Battery Type	Polycrystalline 6V 30W	Polycrystalline 6V 35W
LED Lifespan	50000Hours	50000Hours
Charging Time	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours
IP Rating	IP65	IP65
LED	160lm/w	160lm/w
Material	Aluminum Alloy	Aluminum Alloy
Product Size	608.5*220*74mm	710*234.5*74mm
Install Height	3-5m	4-6m
Warranty	3 Years	3 Years

PHOTOMETRICS



SOLAR STREET LIGHT

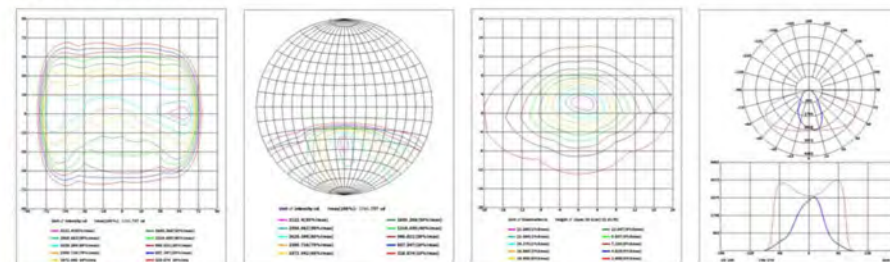
100W/200W



PRODUCT SPECIFICATION

Model	0357A100-21	0357B200-21
LED Chip	3030 LED 50PCS	3030 LED 80PCS
Solar Pane	LiFePO4 3.2V 35AH	LiFePO4 3.2V 43AH
Battery Type	Polycrystalline 6V 30W	Polycrystalline 6V 35W
LED Lifespan	50000Hours	50000Hours
Charging Time	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours
IP Rating	IP65	IP65
LED	160lm/w	160lm/w
Material	Aluminum Alloy	Aluminum Alloy
Product Size	608.5*220*74mm	710*234.5*74mm
Install Height	3-5m	4-6m
Warranty	3 Years	3 Years

PHOTOMETRICS



SOLAR STREET LIGHT

50W

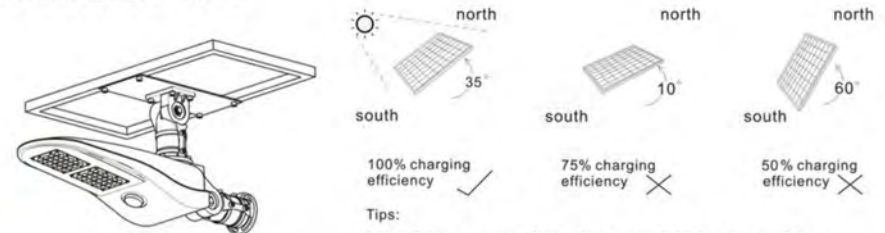
WITH MICROWAVE SENSOR



PRODUCT SPECIFICATION

Item No.	0875A50-01	0875A50-04
LED Lamp	Bridgelux LED 48PCS 6000K	5730LED 216PCS 6000K
Solar Panel	16.5V 100W, Mono-Crystalline	9V 65W, Polycrystalline
Battery Type	LiFePO4 12.8V 24AH	LiFePO4 6.4V 48AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Die-casting Aluminium	Die-Casting Aluminium
Install Height	4-7m	4-7m
Warranty	3 years	3 years
Dimensions	904*735*350mm	670*735*350mm

INSTALLATION GUIDE



Tips:

1. Installation direction of the solar panel is 5-10 degrees south to west, an angle of 35 degrees with the horizontal place.
2. Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.
3. Please ensure the installation is stable.

SOLAR STREET LIGHT

80W/160W/240W



5 Busbar Cell:

5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application.



High Efficiency

High Module conversion efficiency, through innovative manufacturing technology.



Low-Light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Serve Weather Resilience

Certified to withstand wind load (2400Pa) and snow load (5400Pa).



Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV.



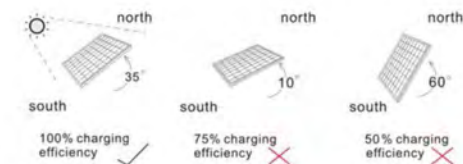
0 to +5W Positive Tolerance

Detailed information in Electrical Specifications.

PRODUCT SPECIFICATION

Item No.	0917A80-01	0917B160-01	0917C240-01
LED Lamp	3030 LED 80PCS 6000K	3030 LED 160PCS 6000K	3030 LED 240PCS
Solar Panel	18V 68W, Polycrystalline	18V 100W, Polycrystalline	25V 165W, Polycrystalline
Battery Type	12.8V 30AH LiFePO4	12.8V 60AH LiFePO4	LiFePO4 12.8V 78AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy
Install Height	5-7m	8-10m	8-10m
Dimensions	1085*378*280mm	1560*378*280mm	1737*467*330mm
Warranty	3 years	3 years	3 years

INSTALLATION GUIDE



Tips:

1. Installation direction of the solar panel is 5-10 degrees south to west, an angle of 35 degrees with the horizontal plane.

2. Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.

3. Please ensure the installation is stable.

PROJECT

We experienced in solar street light projects in Africa, South east Asia, Mid east. In the past year, we have undertaken lots of solar street light projects all over the world.

400W Main Road Solar Street Light Project in Peru

Date: 15th June, 2023

Project Site: Chincha Peru

Quantity and specific configuration: 400W Bilateral lamp arm installation in 12 meters



300W Main Road Solar Street Light Project in Cameroon

Date: 1st May, 2022

Project Site: Kitwe, Cameroon

Quantity and specific configuration: 300W Bilateral lamp arm installation in 12 meters



200W Main Road Solar Street Light Project in Pakistan

Date: 1st Feb, 2021

Project Site: Karachi Airport, Pakistan

Quantity and specific configuration: 600 units 200W Bilateral lamp arm installation in 10 meters



100W Main Road Solar Street Light Project in Kenya

Date: 1st July, 2023

Project Site: Kenya

Quantity and specific configuration: 100W Bilateral lamp arm installation in 8 meters



120W Main Road Solar Street Light Project in Kenya

Date: 1st June, 2023

Project Site: Kenya

Quantity and specific configuration: 120W Bilateral lamp arm installation in 7 meters



180W Main Road Solar Street Light Project in Thailand

Date: 1st Feb, 2021

Project Site: Thailand

Quantity and specific configuration: 180W Bilateral lamp arm installation in 9 meters



SOLAR POWER GENERATION SYSTEM

System Operating Principle



High Frequency All-In-One Inverter Series



Successful projects



2018 · Bahrain · Government Solar Street Light Project





Successful projects



2017 · China · Yunnan · Solar Street Light Project



Successful projects



2017 · China · Guizhou · Solar Street Light Project



2017 · China · Henan · Solar Street Light project

