

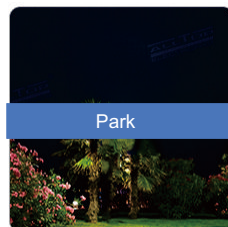
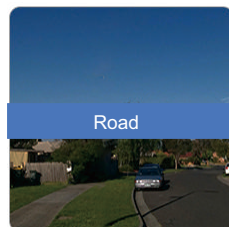
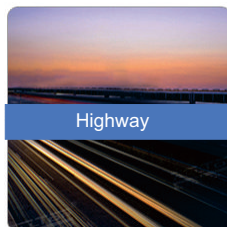
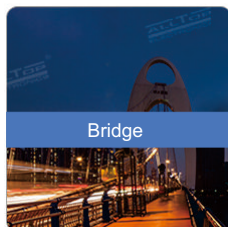
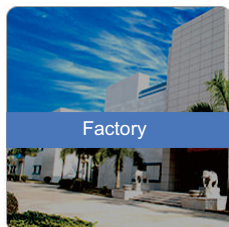
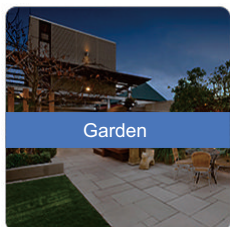
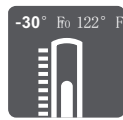
# OFF-GRID

## LED SOLAR STREET LIGHT

30W 60W 90W 120W 150W OPTIONS

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

- 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.
- Dimensions (L x W x H):
  - 30W 400\*230\*65mm
  - 60W 530\*240\*65mm
  - 90W 645\*250\*65mm
  - 120W 750\*250\*65mm
  - 150W 838\*250\*65mm



## OFF-GRID

### LED SOLAR STREET LIGHT

30W 60W 90W 120W 150W OPTIONS

#### PRODUCT SPECIFICATION

Model	0845A30-01	0845B60-01	0845C90-01
LED Type	60Pcs 5730LED	120Pcs 5730LED	180Pcs 5730LED
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 18AH	LiFePO4 3.2V 24AH
Solar Panel Type	Polycrystalline 6V 7W	Polycrystalline 6V 9W	Polycrystalline 6V 12W
LED Lumen	160LM/W		
Color Temperature	3000K-6500K		
LED Lifespan	50000H		
Sensing Method	PIR Detection		
Operating Temperature	-20°C~60°C		
Storage Temperature	-30°C-70°C		
IP Rating	IP65		
Product Size	400*230*65mm	530*240*65mm	645*250*65mm
Lamp Body Outer Box Size	740*420*255mm 10Pcs/Box	550*375*265mm 5Pcs/Box	665*375*275mm 5Pcs/Box

#### PRODUCT SPECIFICATION

Model	0845D120-01	0845E150-01
LED Type	240Pcs 5730LED	300Pcs 5730LED
Battery Type	LiFePO4 3.2V 30AH	LiFePO4 3.2V 36AH
Solar Panel Type	Polycrystalline 6V 18W	Polycrystalline 6V 22W
LED Lumen	160LM/W	
Color Temperature	3000K-6500K	
LED Lifespan	50000H	
Sensing Method	PIR Detection	
Operating Temperature	-20°C~60°C	
Storage Temperature	-30°C-70°C	
IP Rating	IP65	
Product Size	750*250*65mm	838*250*65mm
Lamp Body Outer Box Size	770*305*275mm 4Pcs/Box	860*305*275mm 4Pcs/Box

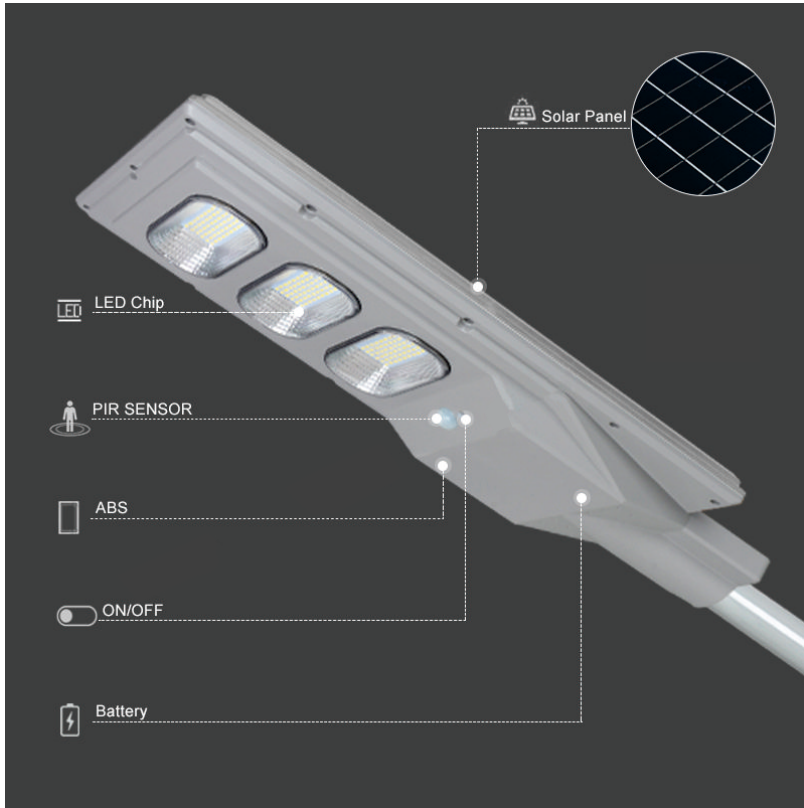


# OFF-GRID

## LED SOLAR STREET LIGHT

30W 60W 90W 120W 150W OPTIONS

### PRODUCT DETAILS



#### Highlight LED lamp beads

Imported LED lamp beads, high brightness, high power output, uniform light emission. Uniform and more durable.



#### High-quality solar panels

Using high-quality polycrystalline silicon solar panels, high conversion solar panels, photovoltaic. The conversion rate is as high as 97%, the charging speed is fast, and the storage speed is faster.



#### ABS engineering thermal plastic

Using thick ABS engineering plastic lamp body, high hardness, strong impact resistance, fast heat dissipation and UV resistance.



### HUMAN INDUCTION



Highlight



Automatic charging during the day

long life



Automatically lit at night

Human induction



People come, full brightness  
People leave, 30% brightness



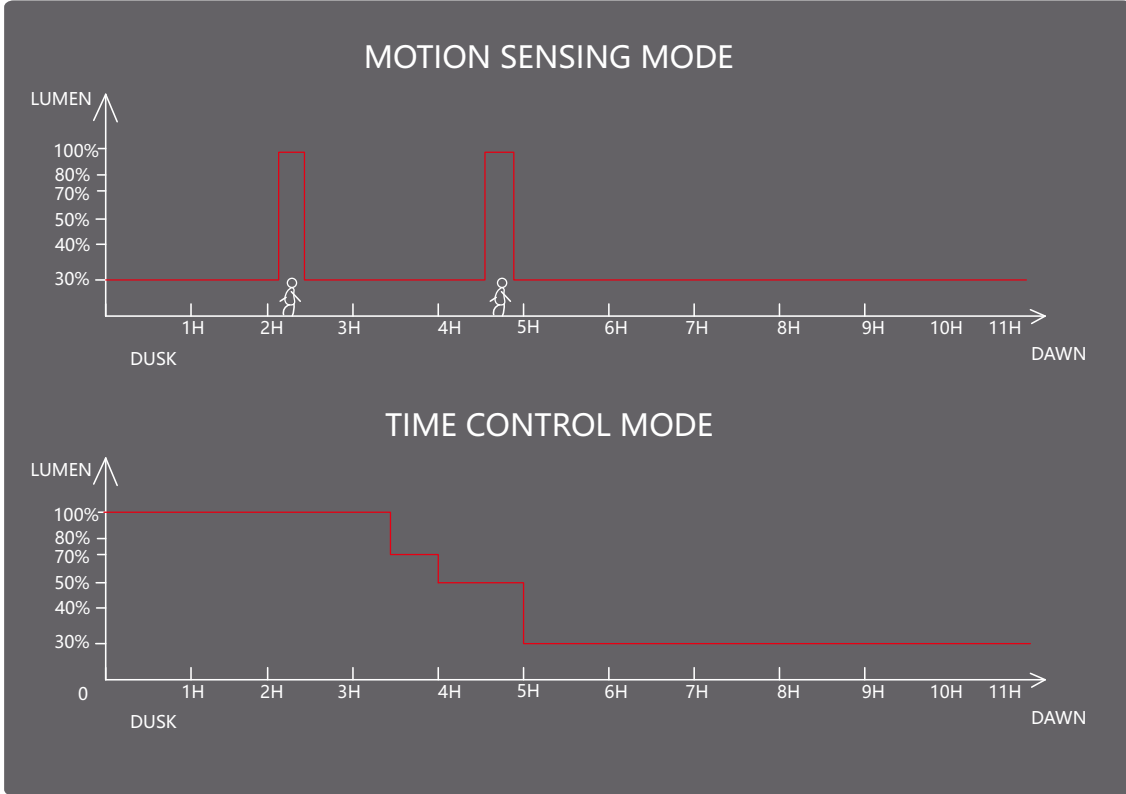
# OFF-GRID

## LED SOLAR STREET LIGHT

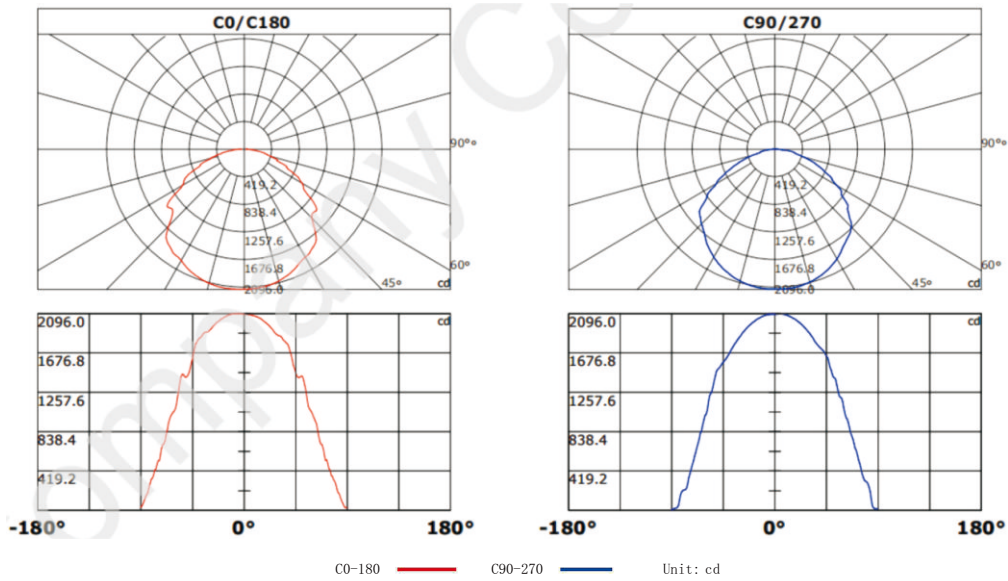
30W 60W 90W 120W 150W OPTIONS

### HOW THE LIGHT WORKS

#### SELECT OPERATING MODE VIA REMOTE



### PHOTOMETRICS

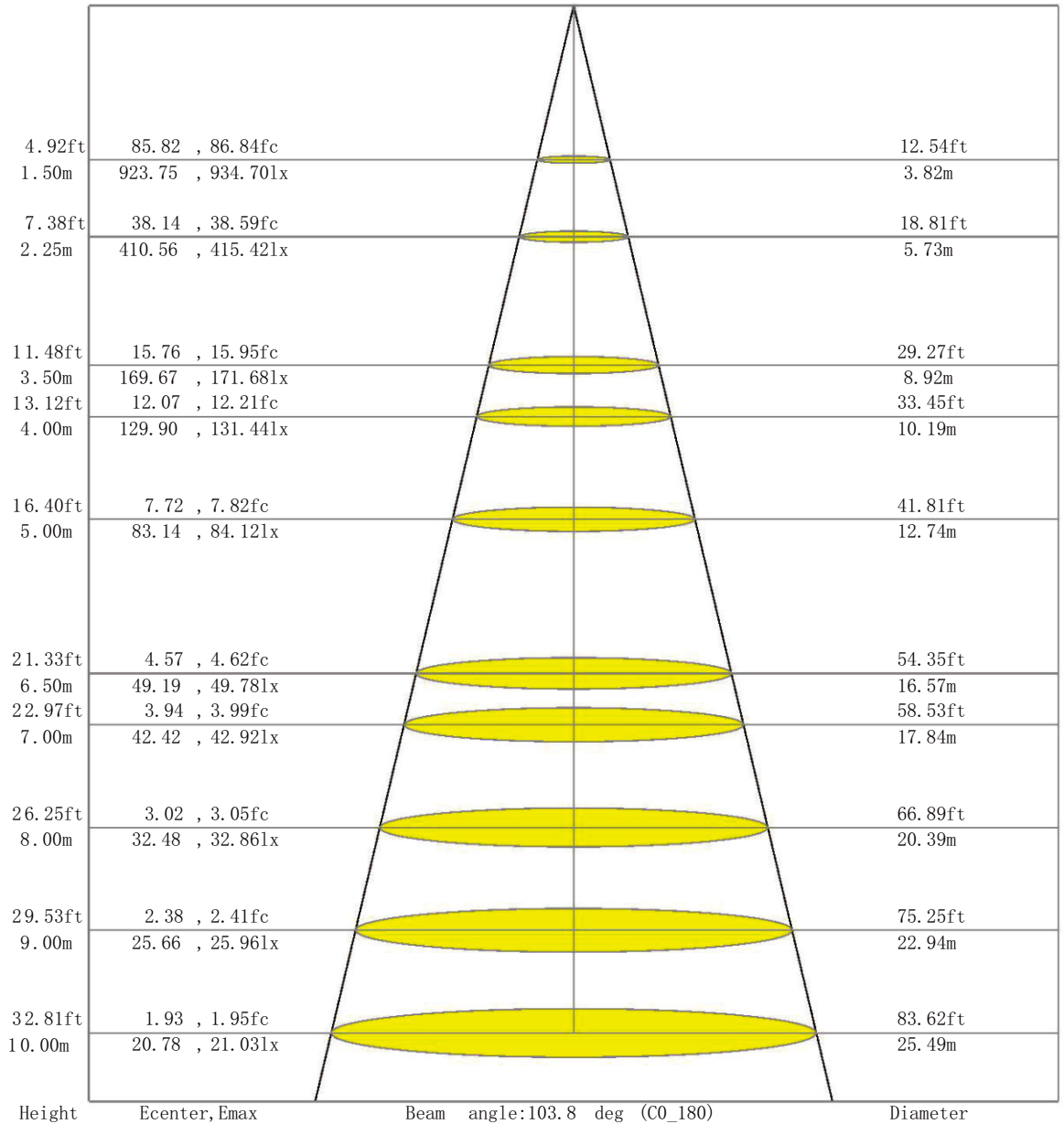
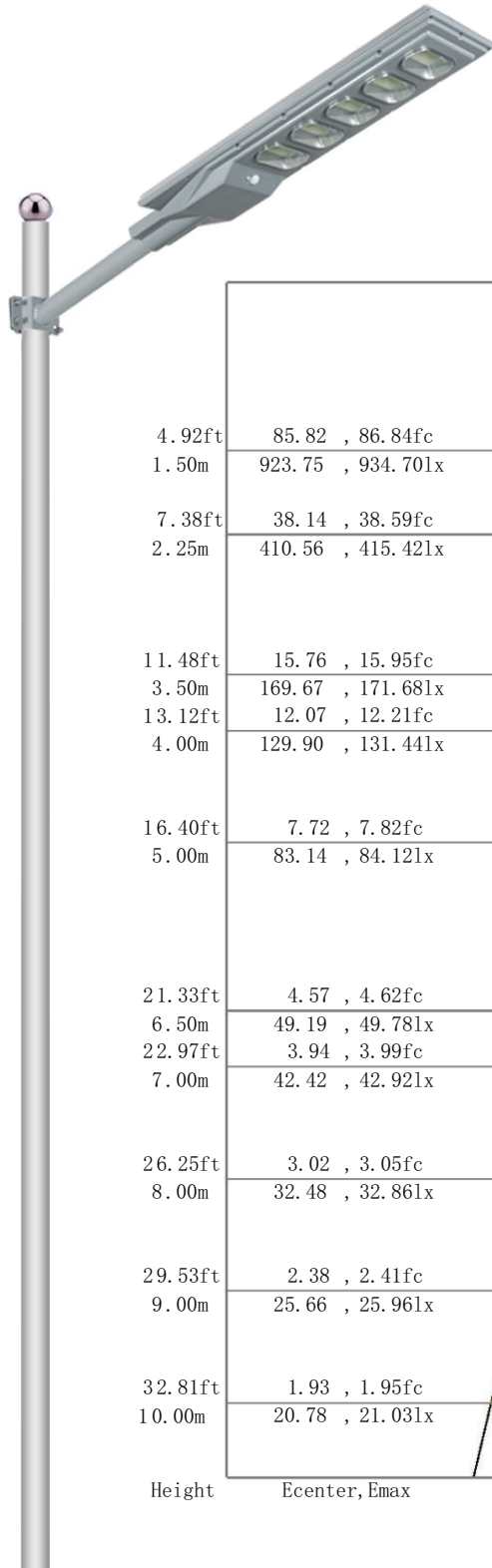


# OFF-GRID

## LED SOLAR STREET LIGHT

30W 60W 90W 120W 150W OPTIONS

### LX-DISTANCEDIAGRAM



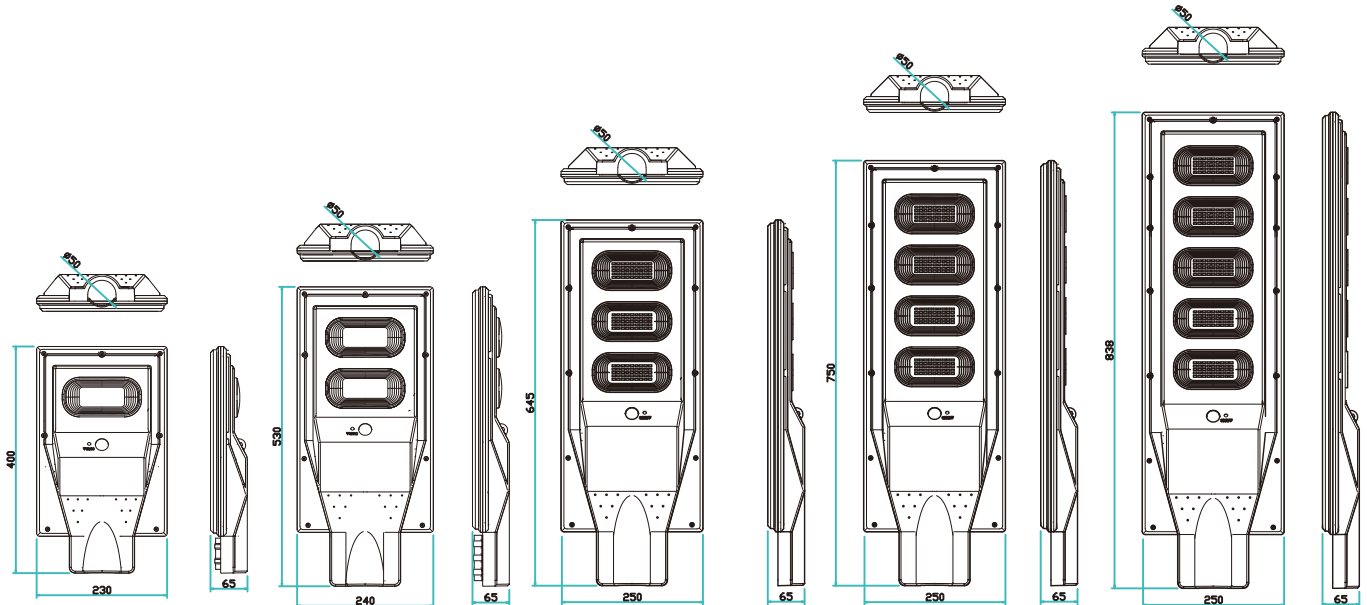
# OFF-GRID

## LED SOLAR STREET LIGHT

30W 60W 90W 120W 150W OPTIONS

### INSTALLATION DIMENSION

Unit:mm



0845A30-01 30W

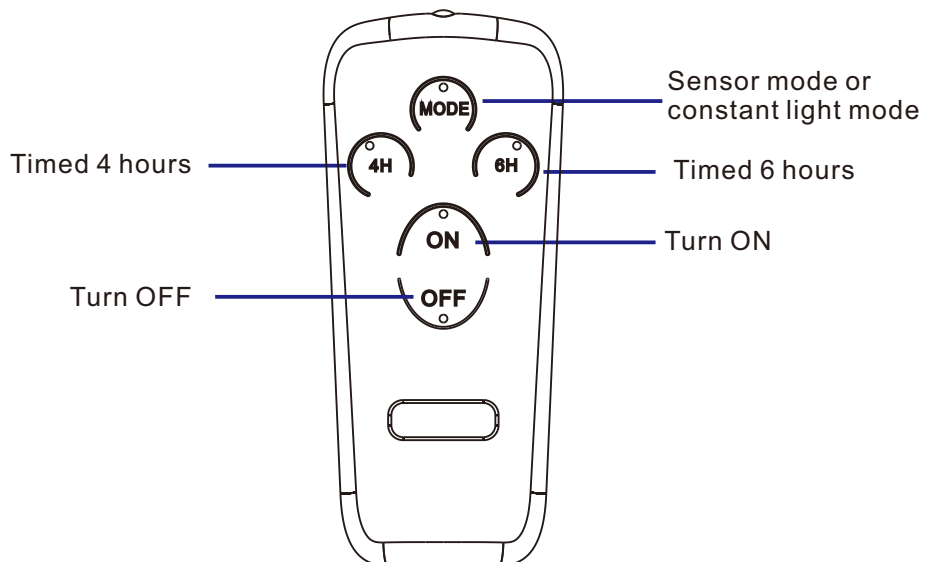
0845B60-01 60W

0845C90-01 90W

0845D120-01 120W

0845E150-01 150W

### INSTRUCTIONS FOR USE OF REMOTE CONTROL(OPTIONAL)

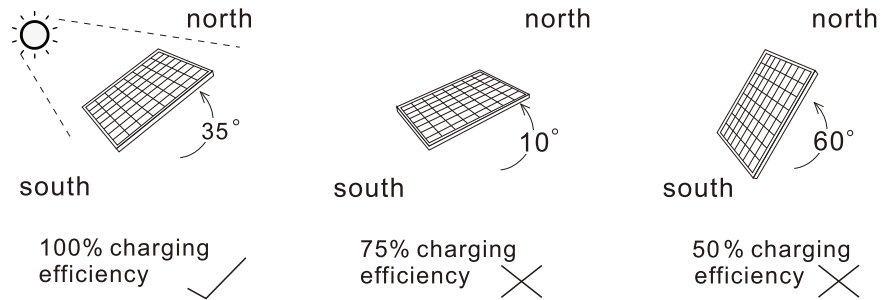
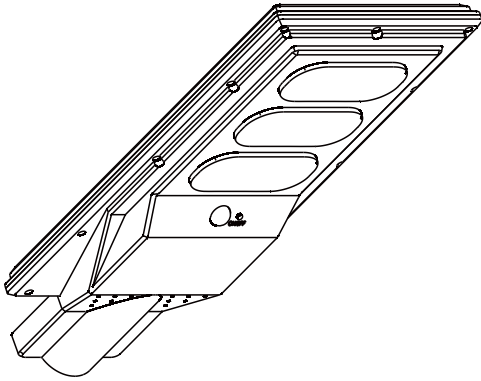


# OFF-GRID

## LED SOLAR STREET LIGHT

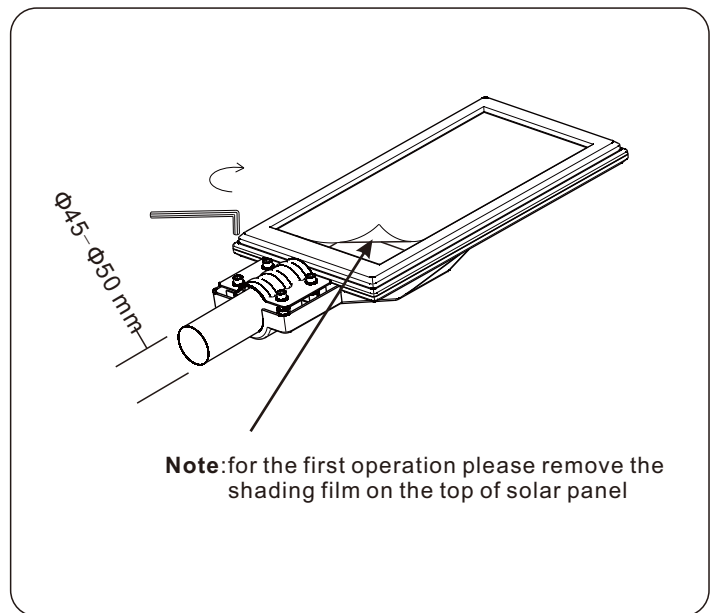
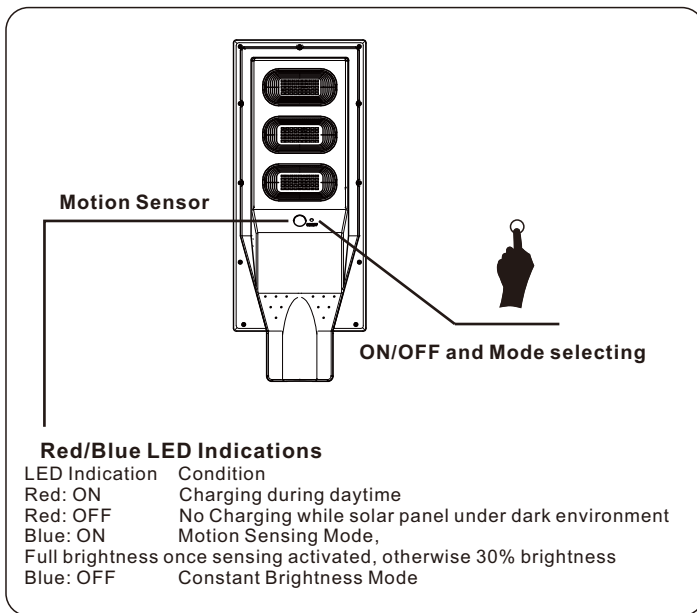
30W 60W 90W 120W 150W OPTIONS

### 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.



### OPERATIONAL APPROACH

1. Press the switch once. The lamp flashes once and works at motion sensor mode;
2. Press again. The lamp flashes twice and works at constant brightness mode;
3. Long pressing the switch to turn off the lamp.



# OFF-GRID

## LED SOLAR STREET LIGHT

30W 60W 90W 120W 150W OPTIONS

### BATTERY SPECIFICATION

DesignLife	6-8 years	6-8 years	6-8 years	6-8 years	6-8 years
Nominal Voltage	3.2V	3.2V	3.2V	3.2V	3.2V
Nominal Capacity	12Ah	18Ah	24Ah	30Ah	36Ah
Self-Discharge					
3% of capacity declined per month at 20°C(average)					
Operation Temperature Range					
Discharge	-20~60°C	-20~60°C	-20~60°C	-20~60°C	-20~60°C
Charge	-10~60°C	-10~60°C	-10~60°C	-10~60°C	-10~60°C
Storage	-20~60°C	-20~60°C	-20~60°C	-20~60°C	-20~60°C
Max.Discharge Current 77°F(25°C)	1200A(5s)	1200A(5s)	1200A(5s)	1200A(5s)	1200A(5s)
Short Circuit Current	3000A	3000A	3000A	3000A	3000A

### BATTERY GUARANTEE OF QUALITY



#### No. 1 Battery Cells

High-end battery cells keep every cell's voltage, resistance, capacity, discharging always in sync



#### No. 2 Battery Protector

High precision IC keep performance more stable protect over load ,over charge , over discharge ,short circuit ,over voltage ,over current keep battery pack always safe and long life span



#### No. 3 Precision Welding Machine

Fully automatic precision welding machine can ensure that every battery can be welded firmly to prevent the danger of short circuit or power failure



#### No. 4 Aging Test Machine

every battery pack need to thorough charging and discharging test by the aging test machine to keep 100% qualified





# OFF-GRID

## LED SOLAR STREET LIGHT

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### PROJECT SUCCESS CASE



### CERTIFICATIONS OF PRODUCTS

