



LED Solar Street Light BRIGHTEN YOUR LIFE

NEW LED TECHNOLOGY THAT ALLOWS THE
COEXISTENCE OF ENVIRONMENTAL
PROTECTION AND ENERGY SAVING

Benefits

- 1. Replace conventional Street Lights.
- 2. Precision Die Cast Aluminum Housing.
- 3. High efficiency imported silicon solar cell.
- 4. Easy Installation.
- 5. CE ROHS listed.



Front



Back

BB-SLD-XXX-F

Specification

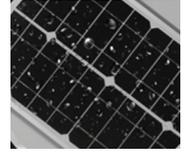
Imported highly efficient LED Chip works with long life, low dazzle, Beam angle is 60°*120°. Protection level is IP67.



The charging and discharging efficiency of controller with built-in replaceable constant current module is up to 97%. Light on-off is automatic by light control, time control and internet control is also available. Protection Level is IP67.



Highly efficient monocrystalline silicon solar panel with imported silicon wafer is adopted, 18% exchange rate and over 20 years working life. Charging is faster and more durable.



Static free spraying is adopted on surface treatment, which is better on adhesive force, corrosion resistance and aging resistant than painting. The spraying technology guarantees surface of products stable more than 10 years.

Large capacity lithium battery. Safe and reliable, light weight, long battery life and long service life. Over charging and discharging is protected by circuit board, plus protection box with IP65 level, the working life of battery is over 8 years.



Installing base angle is adjustable from 0 to 90 degrees. It uses Japanese ADC12 aluminum, also known as No. 12 Aluminum, Al-Si-Cu series aluminum alloy, which is a kind of pressure die casting aluminum alloy, oxidative resistant even exposed to air long term, good performance of corrosion and impact resistance it is the ideal load bearing part for luminaries.

1. It is a creative product of green, energy saving and environmentally friendly solar street light.
2. With new structure and easy installation, it could be installed by untrained workers within 5 minutes.
3. With several times longer working life than separate solar street light and lead acid battery luminaries, it is the forerunner of solar street light.
4. The product is independently sealed and water proof, free of maintenance.
5. It adopts imported light source with high brightness. Protection grade is IP67, even could be used directly under water. Also benefiting from the good protection and heat radiation, lumens depreciation is almost 0 after 6000 hours, and lumen maintenance is over 80% after 50,000 hours.
6. High grade Borosilicate with high transparency is adopted for secondary light distribution, glare threshold lower than 10%, even degree over 0.7. No light spot or yellow circle on road.
7. Highly efficient imported monocrystalline silicon guarantees working life over 25 years, with exchange rate over 18%.
8. Constant current charging and discharging management module uses high quality components from international brand like ST and IR, makes sure working life over 50000 hours. Lithium battery is equipped with automatic activation and low temperature protection function. With advanced MPPT technology, tracking efficiency is not less than 99.8%, DC-DC exchange rate is 98%. 4 periods time control mode can meet different demands from customers. Off line 2.4G programmable remote control, communication distance is 50m. Parameters, operating mode and electric quantity could be managed by mobile APP or computer software. Protection grade is IP67.

9. Built-in grade A powerful lithium ion battery, the battery cell is strictly sorted. Deviation between cells is lower than 4mΩ+5mV. Strict grouping promises consistency of internal resistance, charging and discharging rate reaches 99%. Good heat radiation aluminum is used for external protection battery box; protection grade is IP67, guarantees working life over 8 years.
10. Customized aviation level water proof plug, 3C certificates for sheathed cable, Flame resistant PA66 is used on joint, and certified with CQC. User friendly fool proof design for plug in unit prevents electronic components from burning out by reversed connection. Automatic welded internal joint prevents insufficient soldering. Safety performance complies with GB70000.1-2015 standard, resistant from 120 degree ball pressure; heat resistant, flame resistant, and tracking test resistant, working life is over 10 years.
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12. Static free spraying is adopted on surface treatment, which is better on adhesive force, corrosion resistance and aging resistant than painting. The spraying technology guarantees surface of products stable more than 10 years.

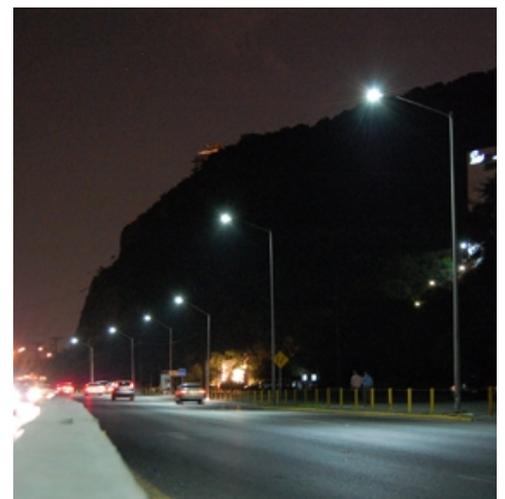
Features

1. Aluminum die-casting heat sinks is good for heat dissipation.
2. It's major to replace the conventional street light.
3. Green, energy saving, long and reliable life of 50,000 hours.
4. No RF interference, No IR/UV radiation, no mercury pollution.
5. With the help of the motion sensor, it realizes the functions of high brightness with low energy,
6. Streamline exterior design, beautiful appearance.
7. Environment friendly, energy saving (70~80%).
8. The design of the all in one solar street light comes from the inspiration and power of the universe, combined the best energy saving parts---solar panel, led lamp and special battery.



Application

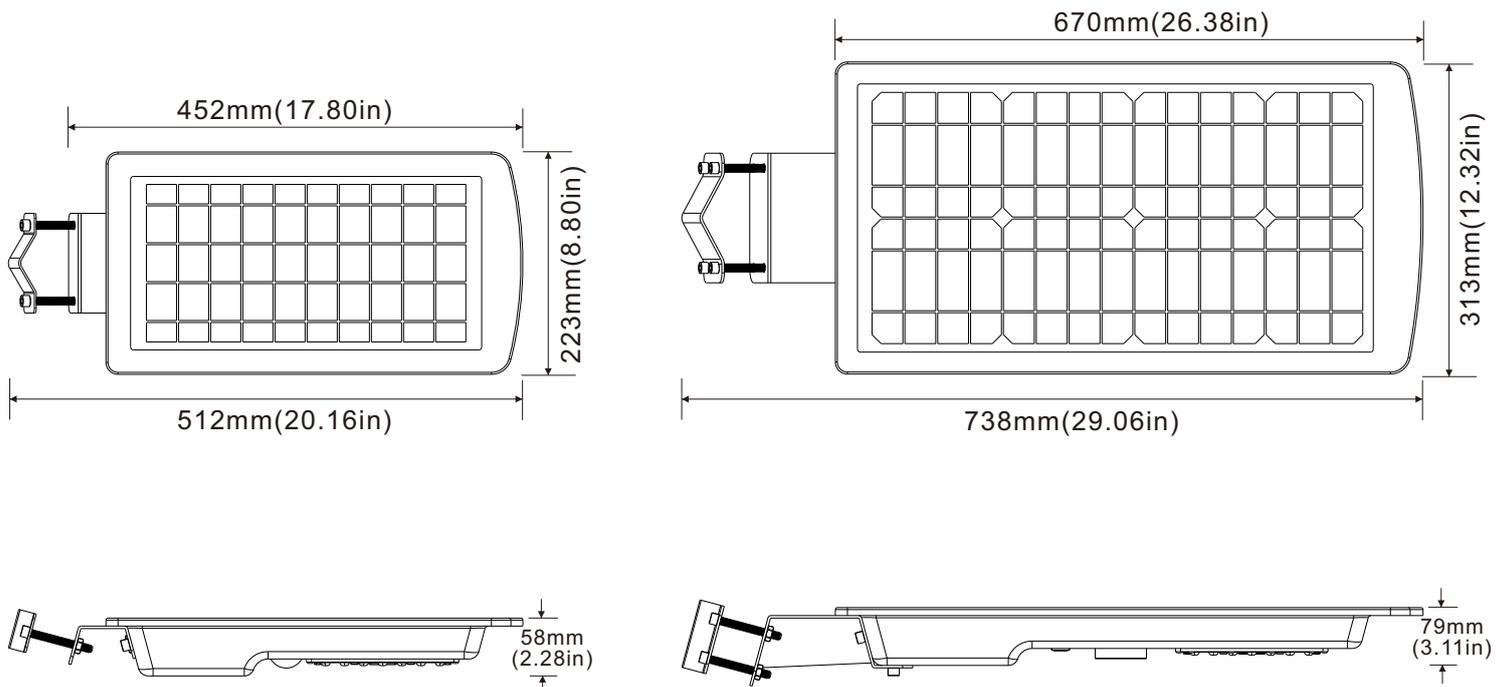
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|------------------------|--------------------------|
| 1. Street lighting. | 4. Stadium lighting. |
| 2. Park lighting. | 5. Campus lighting. |
| 3. Courtyard lighting. | 6. Parking lot lighting. |



SPECIFICATIONS

LED MAX Power	15W	30W
Model	BB-SLD-15W-F	BB-SLD-30W-F
Solar panel Max power	18V/20W	18V/40W
Luminous Flux	1800lm	3600lm
Solar Panel Dimension	512*223*58mm	738*313*79mm
Mounting Height	3-4m	4-5m
Space Bettwen Light	10-15m	20-25m
Luminous Efficacy	120lm/W	120lm/W
Discharge Time	more than 10-12hours	
Sensor	Motion Sensor	
Charge Time	6-7hours(with enough strong shine)	
Solar Cell	High efficiency imported silicon solar cell	
Light Source	SMD LED	
Operation Temp.	-20 to +45°C	
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW / 6500K SCW	
Life Span	50,000 hours	
IP	67	
Beam Angle	60° * 120°	
Warranty	3Years	

DIMENSIONAL DRAWING



15W

30W

PROJECTS

By using our 30W Solar Street Light to replace 100W Metal Halide bulb for street lighting fixtures, the customer is now able to save a lot per month from his electric bill.



Note:

- Don't take the LED lamp apart.
- The LED lamp must work under the right voltage according to the specification.

PACKING INFO



Item	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
15W	1pc/CTN	590*300*150mm	2.6kg	3.7kg	5.5kg
30W	1pc/CTN	820*390*170mm	5.5kg	6.8kg	11.0kg