



X4/X4S

Solar Street Light

CE | CB | RoHS | IP66 | IK08



Monocrystalline
Solar Panel



Efficient
Controller



LiFePO4 Li-ion
Battery



Motion
Sensor



Superior
Outdoor LED



Robust
Structure



IP66
Waterproof





All-In-One Type

Split Type

Simple Design, Superior Quality

X4S series is a brandnew design developed by PBOX team. The solar lighting system integrates bifacial solar panels with high conversion efficiency, high luminous LED lamps, long life and environment friendly batteries with intelligent battery management system, and stable and intelligent controllers.

With such a smart and compact design, the X4S is very easy to install, maintain and transport, providing users with a very convenient off-grid lighting solution.

Simple Installation, Extremely Practical

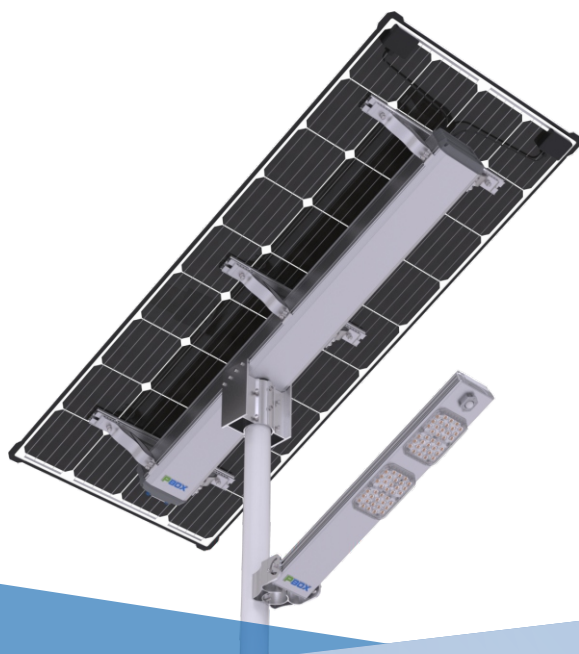
The PBOX X4S stand-alone solar street lights are very simple to use, no separate battery pack required and no complicated wiring or settings. All you need to do is to attach it to the post with some screws. That is all.

The X4S will switch on automatically at dusk and switch off automatically at dawn. When there is no one around, it will dim itself to reduce energy consumption; when any one approaches, it will increase its brightness to 100% immediately.



Solid & Reliable Bracket Structure

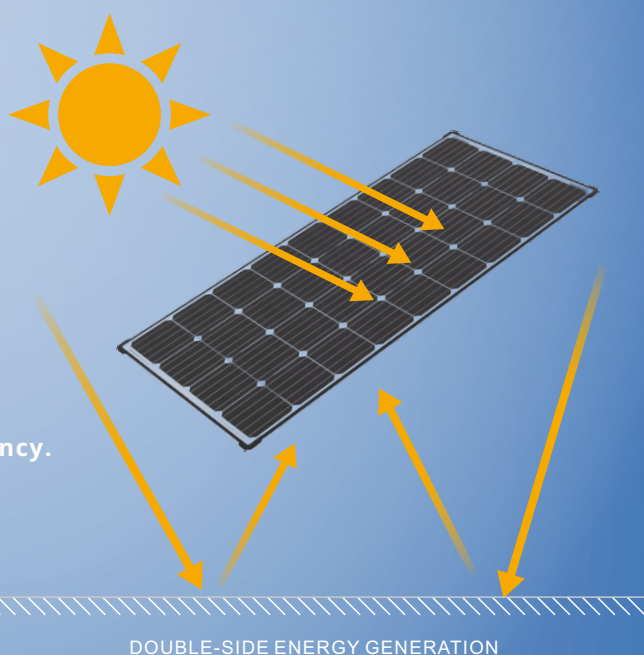
The high strength 6063 aluminium alloy, corrosion resistant anodized surface, and special structure design, makes the bracket strong, secure and reliable.

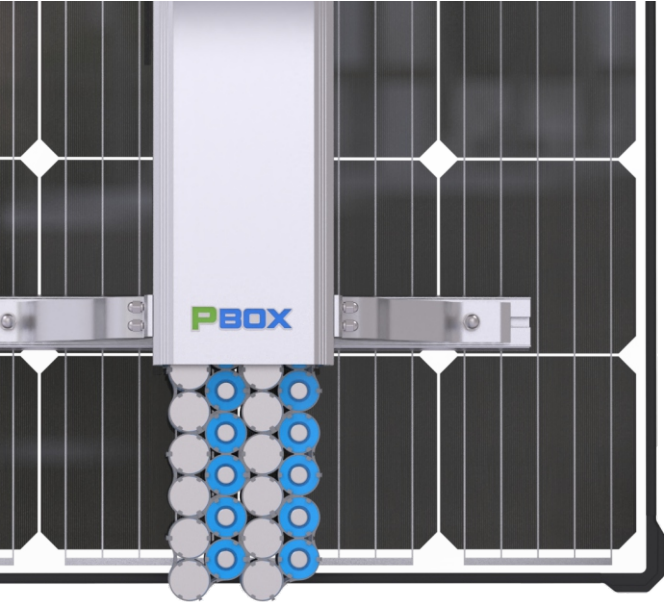


Efficient Double-Sided Solar Panel

X45 uses the unique designed double-sided PV module and tempered glass on the panel, which minimizes the risk of degradation of the panel, enabling long-term use.

- **Bifacial solar module, more energy generation.**
- **Mono-crystalline solar panel, Up to 22% conversion efficiency.**

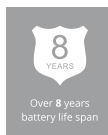




LiFePO4 Li-ion Battery

Green and environmental-friendly LiFePO4 Li-ion battery. The battery can charge and discharge over 2000 times.

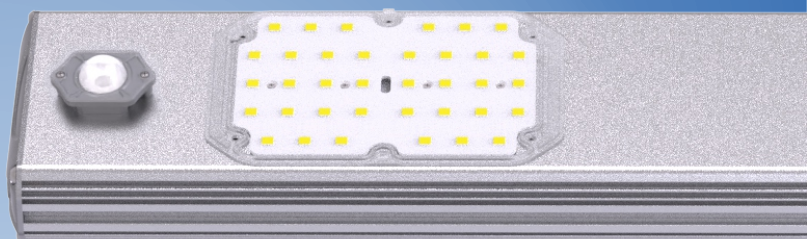
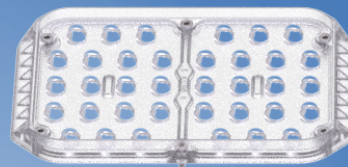
Overcharge & over-discharge protection, Stable performance, high temperature resistance.



High Efficient LED

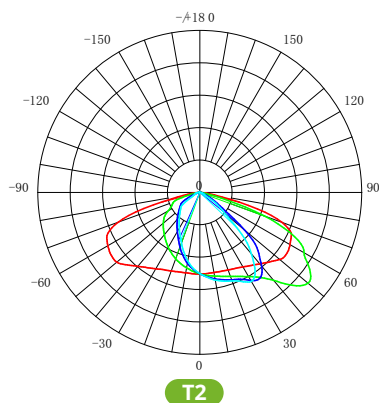
Using high-efficiency LED, luminous efficiency is up to 190lm/W (@25 C). The lights sealing lens is made of strong anti-ultraviolet PC, which has anti-aging and anti-impact performance, enabling long term usage.

The unique design of the optic lens, allows us to eliminate the lighting pollution to the environment.



Bat Wing Light Distribution

The new lens design improves the lighting effect and lighting uniformity, while also increasing light coverage.



PBOX X4 comes complete with built-in motion detection system that automatically regular the light source from full bright to dim mode to increase battery autonomy.

100% Brightness when motion is detected

25% Brightness when no motion is detected

