

Outdoor Lights

Committed to Brightening Every Path, Our Streetlights Stand Strong Against the Dark



Outdoor Lights

Floodlight Glass Series

Floodlight DOB Series

Floodlight Lense Series

Floodlight Full Lense Series

Streetlight Pride & Lense Series

Highbay Light

Bulkhead Light

Solar street & Cart Light

Integrated Solar Streetlight

Semi Integrated Solar Streetlight

Economical Solar Streetlight

Download



SEMI INTEGRATED SOLAR STREETLIGHT

Semi-integrated solar streetlights combine the benefits of standalone and integrated systems, offering flexibility and efficiency in a single unit. Unlike fully integrated systems, semi-integrated streetlights have separate solar panels, which allow for customizable positioning to capture maximum sunlight. The light fixture and battery are combined, providing a compact, reliable, and energy-efficient solution for illuminating outdoor areas.

Solar Panel : Semi-integrated solar streetlights use separate solar panels that can be installed at an optimal angle for maximum sunlight exposure. This positioning flexibility improves energy absorption, particularly in areas with specific sunlight patterns or shading challenges.

Battery Storage : These streetlights feature an inbuilt, rechargeable battery in the fixture unit, which stores energy generated by the solar panel. High-capacity lithium-ion or lithium phosphate batteries are commonly used, ensuring consistent power availability even on cloudy days.

LED Lighting : The use of LED technology provides bright, energy-efficient lighting with minimal power consumption. LEDs also have a longer lifespan than traditional bulbs, reducing maintenance needs and ensuring reliable illumination throughout the night.

Smart Controls and Motion Sensors : Semi-integrated solar streetlights are often equipped with intelligent features such as motion sensors and programmable lighting controls. These sensors increase brightness when movement is detected nearby, helping to conserve battery life while maintaining security.



High Quality LED



50,000 Lifespan



Energy Saving



High CRI

| Product Code | Watt | Suggested PV Module | Battery (LiFePo4) | Lumen Flux | Dimension (mm) |
|------------------|------|---------------------|-------------------|------------|-----------------|
| SLSSL-SEMI-GL-06 | 6W | 20 | 75wh | 900 | 330 x 140 x 95 |
| SLSSL-SEMI-GL-12 | 12W | 40 | 154wh | 1800 | 440 x 190 x 105 |
| SLSSL-SEMI-GL-15 | 15W | 50 | 154wh | 2250 | 440 x 225 x 110 |
| SLSSL-SEMI-GL-18 | 18W | 60 | 231wh | 2700 | 440 x 225 x 110 |
| SLSSL-SEMI-GL-24 | 24W | 75 | 231wh | 3600 | 440 x 225 x 110 |
| SLSSL-SEMI-GL-30 | 30W | 100 | 308wh | 4500 | 500 x 250 x 115 |
| SLSSL-SEMI-L-15 | 15W | 75 | 154wh | 2250 | 410 x 150 x 145 |
| SLSSL-SEMI-L-18 | 18W | 100 | 231wh | 2700 | 410 x 150 x 146 |
| SLSSL-SEMI-L-24 | 24W | 120 | 231wh | 3600 | 410 x 150 x 147 |
| SLSSL-SEMI-L-30 | 30W | 154 | 308wh | 4500 | 410 x 150 x 148 |
| SLSSL-SEMI-L-40 | 40W | 192 | 467wh | 6000 | 410 x 150 x 149 |



APPLICATIONS



Office



Hospital



Homes



Showrooms



Retail

Rural and Suburban Roads : Semi-integrated streetlights are ideal for illuminating roads in rural and suburban areas, offering reliable and sustainable lighting that enhances visibility and safety for pedestrians and vehicles.

Public Parks and Recreational Spaces : Semi-integrated solar lights are an excellent choice for parks, playgrounds, and recreational areas. They provide ambient lighting that increases security while preserving the natural beauty of the environment by using renewable energy.

Residential AreasCommercial Areas and Parking Lots : These lights help maintain security and visibility in parking lots, commercial properties, and warehouses. With motion sensors and smart controls, they can reduce power consumption while still providing bright lighting when needed.