

Solar LED Street Lights

Less Energy More Life

S70W-L30W Single Armed

This system is designed according to 7 working hours per day and 3 constant overcast and raining days.

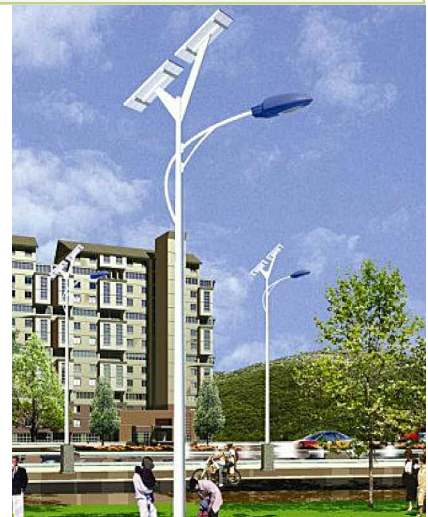
- Solar Module: high-efficiency monocrystalline silicon, 25-year lifetime, 70W, 1 pc.
- Light Source: LED lamp with high-lumination and 50,000-hour lifetime, 30W;
- Storage Battery: maintenance free and five-year warranty, 80AH12V, 1pc.
- Solar Charge Controller: control by microcomputer, time control and light control;
- Light Post: 5 meters, common steel galvanized and plastics coated;
- Other Parts: cable, supporting, screw.



S100W-L40W Double Armed

This system is designed according to 6 working hours per day and 3 constant overcast and raining days

- Solar Module: high-efficiency monocrystalline silicon, 25-year lifetime, 50W, 2 pc.
- Light Source: LED lamp with high-lumination and 50,000-hour lifetime, 20W, 2 pc.
- Colloidal Storage Battery: maintenance free and five-year warranty, 80AH12V, 1pc.
- Solar Charge Controller: control by microcomputer, time control and light control;
- Light Post: 5 meters, common steel galvanized and plastics coated;
- Other Parts: cable, supporting, screw.



Solar LED Street Lights

S30W-L15W Single Armed

Less Energy More Life

This system is designed according to 7 working hours per day and 3 constant overcast and raining days.

- Solar Module: high-efficiency monocrystalline silicon, 25-year lifetime, 30W, 1 pc.
- Light Source: LED lamp with high-lumination and 50,000-hour lifetime, 15W;
- Colloidal Storage Battery: maintenance free and five-year warranty, 50AH12V, 1pc.
- Solar Charge Controller: control by microcomputer, time control and light control;
- Light Post: 3 meters, common steel galvanized and plastics coated;
- Other Parts: cable, supporting, screw.



S50W-L20W Double Armed

This system is designed according to 6 working hours per day and 3 constant overcast and raining days

- Solar Module: high-efficiency monocrystalline silicon, 25-year lifetime, 50W, 1 pc.
- Light Source: LED lamp with high-lumination and 50,000-hour lifetime, 10W, 2 pc.
- Colloidal Storage Battery: maintenance free and five-year warranty, 60AH12V, 1pc.
- Solar Charge Controller: control by microcomputer, time control and light control;
- Light Post: 4 meters, common steel galvanized and plastics coated;
- Other Parts: cable, supporting, screw.



LED Light Specs

Power Consumption(W)	30	40	50
Input Voltage(V), DC	24	24	24
Luminous Flux, lm	3000	4000	5000
Power Factor(PF)		0.85~0.95	
Working Temperature, °C		(-)45~(+)55	
Lampshade Material		Tempered Glass	

Note: the configuration of the solar lighting systems may vary in order to meet the solar condition where they are installed.

About Hybrid Structures International Ltd.

Hybrid Structures International Ltd. is a company, located in Ottawa Canada, comprised of leading industry professionals in the field of eco-friendly, energy efficient solutions for businesses. Working together as a team and with clients, we are providing attractive modern green energy solutions that set unprecedented standards of efficiency.

Hybrid's LED lighting systems are more advanced than any other lighting product on the market. This technology has many advantages over fluorescent lighting including: lower energy consumption, significantly longer lifespan, smaller size, faster switching, and greater durability and reliability.

Our LED lights are not only more energy efficient than fluorescent and incandescent lights, they are also more versatile. They have also been designed so that the brightness and the color of the light can be easily changed. These lights are practical for commercial use as they are more resistant to heat, cold, and shock, than conventional lights. Therefore, they are ideal for commercially cooled storage facilities, outdoor locations, and cooled sports arenas.

With energy costs reaching unprecedented heights in recent years, there exists a growing demand for technologies that are more energy efficient. There are even government grants available to commercial business owners that implement changes to increase energy efficiency and utilize renewable energy systems. In large commercial venues, converting to LED lighting is a sound investment.

Information or Request for Quote:

For more information contact us at Info@hsil.ca or call us at (613) 726-6673 to request a consultation to customize your lighting solution.

Homes ~ Cottages ~ Cabins ~ Shelters
Renewable Energy Systems ~ Wind ~ Solar
Rapid Build Solutions
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Windows ~ Doors ~ Solar Hot Water Heating



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STRUCTURES
INTERNATIONAL Ltd.

The Leader in OTG Structures & Systems

www.hsil.ca

Tel: +1.613.726.6673

101- 6 Bexley Place, Ottawa, ON Canada K2H 8W2

Fax: +1.613.726.6671