


✓ **E Right Engineering**

SOLAR STREET LIGHT

With over 20 years experience of working with solar technology, Right Engineering has developed a range of high quality and reliable solar street lighting systems. Solar street lighting systems are designed to operate as one integrated system. This system includes the power generation, storage and management (solar panels, battery & controller) as well as the light itself, support frame & weather proof housing.

All our solar street lights can be configured to turn on and off using a wide range of options between dusk and dawn. The Controller automatically adapts to the changing length of day through the year, to ensure the light switches on and off at the correct times.

We offer a range of lighting options - from smaller security/street lights using compact fluorescent lighting, LED to systems with greater light output that use low-pressure sodium lighting technology is widely recognized as the most effective and efficient technology available to produce high intensity lighting using solar power. All systems are designed to attach to the top of a lighting pole or side of a building.



SOLAR STREET LIGHT		
<u>TECHNICAL SPEC.</u>	<u>ECONOMY</u>	<u>REGULAR</u>
Solar module	: 50W	74W
Load	: 11W CFL	11W CFL
Battery	: 12V-28Ah	12V-80Ah
Duration	: - Dusk to Dawn -	
Battery Backup	: 1 day	3 days
Light output	: 900 Lumens	900 Lumens
Control ur	Auto & Manual ON/OFF, Low cut off	

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The system is designed for 6 hours of operation every day for a daily Sun Light charge. The battery is designed in such a way to provide 2 days of autonomy.

It is also possible to design the solar street lighting system for different number of hours of usage or we can provide 2 luminaries on the same pole for 3 hours of burning time, for each bulb. Generally, we provide 30 feet of pitch distance between 2 street light poles. The street light can cover an area of about 300sq.ft.



The pole is made of 1 1/2" Dia M.S. pipe, Epoxy painted to withstand corrosion and rusting.

Solar Cells are of high efficiency with life of about 20 years subject to the conditions.

GUARANTEE:

We provide 5 Years guarantee for the Solar Module. The entire system is guaranteed for 18 month from the date of dispatch or 12 months from the date of commissioning, whichever is earliest.

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