

SOLAR STREET LIGHT SYSTEMS

Types Of Solar Street Lights

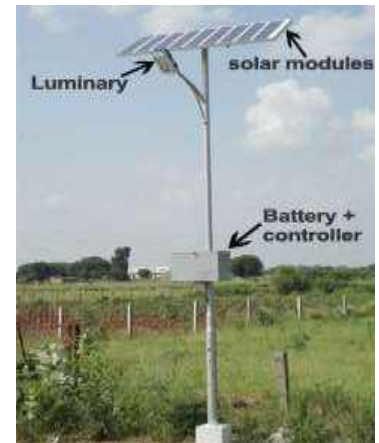
1. LED Base
2. CFL Base
3. SOX Base

SOLAR STREET LIGHTS

Solar Street Light System is designed for outdoor application. System is an ideal lighting system for the illumination of streets, squares and cross roads located in areas that are not connected to the power grid. The system is provided with battery storage backup sufficient to operate the light for 10-11 hours daily. The system is controlled by a controller with automatic ON/OFF time switch, which control the light from dusk till morning or other setting time. An overcharge / deep discharge function can keep the battery on working a long time.

Features:

- Automatic Dusk to Dawn Operation
- Free from messy cable wires
- More than 2- 3 days of autonomy
- Good coverage, high brightness & long life CFL / LED
- Shock Proof
- Negligible maintenance & easy to install
- No insect swarming
- Lower operating cost
- Improved safety
- Environmental friendly
- MNRE approved



Advantages

- Simply installation.
- Low cost.
- Low maintenance cost.
- Easy to transfer to another site.
- Safety with user: Lower DC voltage without any danger of operation.
- It is independent from black-out in the normal electric supply.

Benefits

- Easy set up on almost any site.
- Minimum running cost and maintenance.
- Positive impact on the environment.
- No Road works or wiring required.
- Unaffected by power outages.

LED SOLAR STREET LIGHT MODELS:

LED Application

- Outdoor Area lighting.
- Campus Lighting.
- Garden Lighting.
- Parking lot lighting.
- Parkway lighting.
- Walkway lighting.
- Security Lighting.



Technical Specifications

Sr. No.	Model Number	Battery Capacity (AH) / PV wattage	Luminary type	Autonomy	Application
1	PSD/SL9 (4 meter pole, dusk to dawn operation)	40 AH / 40 Wp	9W LED: Philips/ OSRAM	3 days	MNRE tested. Government (RC) / Private requirement for village, town, city street lighting.
2	PSD/SL20 (4/6 meter pole, Dusk to Dawn operation)	75 AH / 80 Wp	20W LED: Philips/ OSRAM	2 days	Street lighting for residential buildings. Commercial complexes, industry premises. Resorts, bungalows, hospitals.

Note: LED street lights having luminary range till 120 Watts are also available.

CFL SOLAR STREET LIGHT MODELS:

CFL Application

- Roadside.
- Yards
- Colonies
- Farm House & Gardens
- Warehouses.
- Commercial Complexes



Sr. No.	Model Number	Battery Capacity (AH)	Luminary type	Autonomy	Application
1	PSD/CSL11 (4 meter pole, Dusk to Dawn operation)	75 AH / 74 Wp	11W	3 days	MNRE tested. Government (RC) / Private requirement for village, town, city street lighting.
2	PSD/CSL22 (4 /6 meter pole, Dusk to Dawn operation)	120 AH / 130 Wp	22W (2 x 11)	2 days	Street lighting for residential buildings. Commercial complexes, industry premises. Resorts, bungalows, hospitals.

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