

Radiant Green Energy

-Go Green Go with RG Solar



RG Solar Street Lights



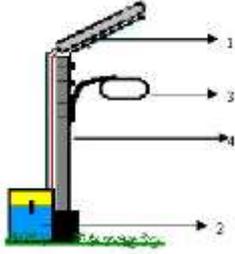
RG solar street light system is designed for all outdoor applications & un-electrified remote rural areas. This system is an ideal application for campus, parks, sports clubs, and playgrounds, parking place, terrace, commercial complexes, warehouses and village street lights. The system is provided with battery storage backup sufficient to operate the light for 10-11 hours daily and 3 cloudy day's battery backup. The system is provided with automatic ON/OFF time switch for dusk to dawn operation and overcharge / deep discharge prevention cut-off with LED indicators.

The solar street light system comprise of

- Solar PV Module
- Tubular plate battery with battery box
- Charge Controller cum inverter
- CFL/LED Lamp with fixtures
- 4 meter mild steel lamp post above ground level with weather proof paint and mounting hardware.

The SPV modules are reported to have a service life of 25 years. Tubular Batteries provided with the solar street lighting system require only lower maintenance; have longer life and give better performance as compared to other batteries used earlier.

The systems electronic provide for over-charge and over-discharge cut-off essential for preventing battery and luminaries damages.



1. SPV Module 2. Battery Box 3. Lamp with charge controller 4. Lamp post

RG Solar street Light options:

RG -Solar Street Lights					
S No	Model Name	SPV	Battery (12V)	Lamp Wattage	Autonomy
1	RG-SSL-LED-7W	30WP	26AH	7 WLED	3 Days
2	RG-SSL-LED-11W	40WP	40AH	11 WLED	3 Days
3	RG-SSL-LED-14W	50WP	40AH	14 WLED	3 Days
4	RG-SSL-LED-22W	75WP	60AH	22 WLED	3 Days
5	RG-SSL-LED-30W	100WP	60AH	30 WLED	3 Days
6	RG-SSL-LED-45W	150WP	100AH	45 WLED	3 Days

RG Solar Street Light Advantages:

1. Stand alone system.
2. Automatic dusk to dawn controller.
3. No major maintenance.
4. Up to 3 days of autonomy.
5. Overcharge & deep discharge protections, short circuit protection.
6. Battery reverses connection protection, over load protection.

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