

SOLAR STREET LIGHTING SYSTEM

- Suitable for roads, farm houses, housing complexes, etc.,
- MNRE approved models
- Luminaries available in CFL and LED type
- Sufficient autonomy provided in battery and solar panel design
- Auto operation through high quality dusk dawn controller
- Superior quality charge controllers for safe life of batteries
- LED indicators for system status indication

Advantages

- Solar street lights are independent of the utility grid. Hence, the operation costs are minimized.
- Solar street lights require much less maintenance compared to conventional street lights.
- Since external wires are eliminated, risk of accidents is minimized.
- This is a non polluting source of electricity
- Separate parts of solar system can be easily carried to the remote areas

Disadvantages

- Initial investment is higher compared to conventional street lights.
- Risk of theft is higher as equipment costs are comparatively higher.
- Snow or dust, combined with moisture can accumulate on horizontal PV-panels and reduce or even stop energy production.

