



Rites Grid Connected (On -Grid) Solar PV System is the simplest way to reduce electricity bills. It includes solar modules to convert solar radiation into electricity during the day and an on -grid inverter to supply electricity to the load or sell the excess electricity to the grid through Net-meter.

**Features:**

- High Efficiency up to 98% (MPPT Tracker).
- Transformerless single / three phase inverter.
- Low maintenance - No battery require.
- Converts solar energy to electricity during the day.
- Supplies electricity directly to the load or Grid.
- Sells excess electricity to the grid.
- Bi-directional Net meter for Import Export measurement,
- Remote Monitoring (Optional).

**Applications:**

- Residential, Society Building.
- Schools, Colleges, Institutes, Universities etc
- Industries, Commercial Building, Shopping Malls
- Hospitals, NGO.
- Government Offices.
- Hotels, Resorts.
- Solar Power plant.

**Solutions:**

Design, Erection, Installation, Commissioning, Operating Maintenance from **1k Watt - 1M watt project.**

**Systems Details:**

System capacity	kWh /day	kWh / year (300 days)	Space require (sq. ft.)
1k Watt	5	1500	100
10k Watt	50	15000	1000

**Advantage of Rites:**

Rites Systems is providing solutions from 2003 as a manufactures of Energy efficient products, we are also Channel Partner of MNRE, Government of India for Solar Grid connected rooftop and Small power plants and Off-Grid and Decentralized Solar Applications Programme.