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### **An entity dedicated to the use of sustainable energy**

Skyline Solar Pvt. Ltd is a company dedicated to manufacture, sales and distribution of environment friendly and cost-effective usage of devices like the Solar Power Plants, Solar Street Light, Solar Irrigation Pump, Solar Traffic Lights, Solar Water Heater and Solar Luminaries.

Headquartered at Chandigarh, the company has a manufacturing and fabrication units in Panchkula (Haryana) & Mohali (Punjab). The company has an extensive dealership network and a strong presence in the northern region. Skyline has branch offices in Rudrapur (Uttarakhand), Ghaziabad & Lucknow (UP), Patna & Sasaram (Bihar).

The company lead by entrepreneurial technocrats has in employment engineers, business executives, and technicians to give full sales, installation and maintenance support to the customers.

The range of cutting edge products manufactured by Skyline is being successfully used in public and private sectors. A host of government concerns, housing societies and colonies, industrial and commercial bodies and farmers are successfully making use of these products.



We have proved that after our stores of oil and coal are exhausted the human race can receive unlimited power from the rays of the sun.

Frank Shuman  
New York Times, July 2, 1916

Solar energy shall play an important role in making India a developed nation. We need to tap its full potential in order to meet our increasing power requirements.

Dr APJ Abdul Kalam  
Former President of India

With pressure increasing on the perishable resources, the techno-scientific community is constantly innovating to harness the potential of renewable and sustainable solar energy. Since sunlight is available aplenty the year round, India is at the forefront, globally, in using solar panels for multiple uses like lighting, water heating and irrigation.



At the heart of the solar driven device is the photovoltaic cell (PV)– a device that converts light into electric current using the photoelectric effect. Solar cells produce direct current (DC) power which fluctuates with the sunlight's intensity. For practical use this usually requires conversion to certain desired voltages or alternating current (AC), through the use of inverters.

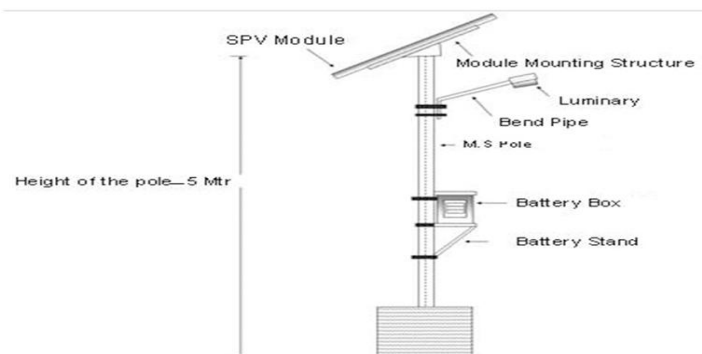
# Our Products



**Solar Power Plant**

It is a premier product of the company. The Solar Power Plant converts sunlight into electricity by using photovoltaics (PV). PV converts light into electric current using the photoelectric current. The company installs Power Plants varying between capacities of 1Kw to 1000 Mw. They can substitute the energy requirements of domestic, commercial and industrial units.

The Solar Street Lamp is powered by solar panel which has photovoltaic cell mounted on it. The photovoltaic panel charges a rechargeable battery, which powers the fluorescent or LED lamp during the night. A sensor turns it on and off sensing the atmospheric light. The device has enough backup to last through the night.



**Solar Street Light**

Solar Lantern has LED lamp, a photovoltaic solar panel and a rechargeable battery. The panel with the lamp charges the battery.



**Solar Lantern**

The signaling lights have been successfully installed and are operational in various towns of the region. They display three colours (amber, red and green) to cost-effectively control and guide traffic, while helping in conservation of environment. They also help the traffic police on the pedestrian crossings.



**Solar Traffic Lights**



# Our Products



## Solar Irrigation Pumps

Solar energy by far has found the most prevalent usage in water heating. Since water heating consumes enormous power, thereby increasing electricity bills, this sustainable alternative helps decrease the financial burden on domestic and commercial units.

The farmers in India are increasingly feeling the brunt of electricity shortage round the year. The shortage becomes intense during the high-water consuming paddy season. The Solar Pump runs on electricity generated by photovoltaics. It gives cost-effective, supply of energy for irrigation purposes and also helps in environment sustainability.



## Solar Water Heater



## AC Power Fixture Street Light

All in one Street Light is Fitted with Inbuilt battery and Solar panel on the back side of light. All in one solar light is also fitted with day light sensor which automatically switches On or Off Available in 12 watt and 15 watt.

commercial sectors consumes a large amount of power.

AC Fixtures means to deflate the electricity bills. The aesthetic and functional designs light up the inner ambience, while decreasing the electricity bills. The Solar Luminaries have battery backup to provide enough light during the night.



## All in one Solar Street Light





### **SKYLINE PRODUCTS CARRY :**

- A seal of guarantee.
- A seal of cost-effectiveness and sustainability.
- Assurance of having been made with only quality components and materials.
- Total installation and maintenance.

**SKYLINE SOLAR PVT. LTD.**

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