

Voltaic POWER

Energizing Lives
for Better Tomorrow !



OUR CERTIFICATES



RoHS



ABOUT US

Voltaic Power is a Delhi based MNRE Approved and ISO Certified manufacturer of high quality, engineered systems that include solar LED Street lights, LED Flood Lights, LED based products and solar-electric power generation systems which are free from the utility grid. We also manufacture a solar powered light system that ties into the utility grid. Our systems are engineered for long-term and reliable performance with little or no maintenance. The systems are designed for a wide range of physical and operating environments and are perfect for rural, suburban and metropolitan areas.

Voltaic Power brings a large amount of services to the table with only two objectives in mind: to supply you with whatever resource possible to win the project, and to provide a service and product that is unparalleled. We strive to exceed your expectations and with so many benefits to being our partner, we will set the new standard of what you will expect from a lighting manufacturer.



OUR PRODUCTS

Solar Street Lights



We are offering the best range of Solar Street Light to the clients. The offered light is generally used in the streets of the commercial and residential places. It is able to store excellent amount of solar energy during day time and uses this stored energy for lighting on night time. In addition, this light is available in different sizes, shapes and models as per the clients' demands. The offered Solar Street Light is embedded with all the necessary protections to ensure its long functional life. Features: Eco-friendly Bright illumination High efficiency

Technical Specifications

Wattage- 6 Watt to 60 Watt

Housing- Aluminium Pressure Die cast

Lumen- 110 Lm/ Watt

Temperature - 4500 – 6000 K

Warranty - 2 years

CRI - greater than 70

Voltage range - 9 -17 V

IP - 65 / 67

Semi-Integrated Solar Street Lights

The semi-integrated solar street lights utilizes inbuilt Li-ion/LiFePO₄ batteries to store the electrical energy generated by PV modules during the daylight and use the electrical energy during the night to light up the LEDs. These can be customized as per the user's need.

Technical Specifications

Wattage - 12Watt - 40Watt

Housing - Aluminium Pressure Die Cast

Lithium-ion Battery - 9.6 AH to 30 AH

Lithium fe-PO₄ Battery - 6 AH to 42 AH

Lumen - 130 Lm/Watt

Temperature - 4900-6000 k

Warranty - 2 years/ 5 years

Voltage Range - 9 - 17 V

IP - 65 / 67



Integrated Solar Street Lights

The integrated solar street lights comes with inbuilt Li-ion/LiFePO₄ batteries and inbuilt PV module which allows a hassle free installation in even the most remote areas. These can be customized as per the user's need.



Technical Specifications

Wattage - 12 Watt - 80 Watt

Housing - Aluminium Pressure Die Cast

Lithium-ion Battery - 9.6 AH to 30 AH

Lithium fe-PO₄ Battery - 12.5 AH to 30 AH

Lumen - 130 Lm/Watt

Temperature - 4900-6000 k

Warranty - 2 years/ 5 years

Voltage Range - 9 - 17 V

IP - 65 / 67

AC Street Lights

We are known for excellent energy efficiency and compact design, the LED AC Street Light is highly appreciated among the clients. It provides stable operation against power supply fluctuations with constant brightness. This light is widely used in the streets of the residential and commercial places. The offered LED AC Street Light is operated with the solar power and hence, it consumes less power. Further, it is checked on various quality parameters to ensure its long functional life. Features: Optimum brightness Withstand adverse weather condition Environmental friendly.



Technical Specifications

- Wattage - 15 Watt to 200 Watt
- Housing - Aluminium Pressure Die cast
- Lumen - 110 Lm/ Watt
- Power factor - >0.95
- CRI - greater than 70
- Voltage range - 100 -230 V
- Temperature - 4500 – 6000 K
- IP - 65 / 67
- Warranty - 2 years



HIGH Mast Light

High Mast Lighting solutions are used where large public areas like expressways, railway yards, dockyards, road junctions, toll plazas, warehouses need to be illuminated. An efficient lighting solution, it is the most preferred way of illumination because it can achieve a high space to height ratio. A High mast pole is an ideal solution for large industries where open spaces must be illuminated.



Technical Specifications

Available in standard heights, 12/16/20/25/30 mtr

High Mast Assembly

The assembly is housed in a chassis and is secured axially. The pulley is made of non corrosive material and runs on self-lubricating bearings with stainless steel spindles. This complete assembly is hot dip galvanized.

Winches

The double drum winch driven by a single speed reversible power tool is a self sustaining mechanism which does not get affected by weather or moisture. It is designed as a self lubricating winch by using oil bath.

Accessories

Flexible marine grade stainless steel wire ropes are used in construction in the Mast assembly. Accessories like trailing cable, cable connections, lightning arrester, feeder pillar box and are provided with the Mast.

SOLAR PANELS

Solar panels we developed are available in poly crystalline & mono crystalline type. Ranging from 5W to 325W with overall efficiency of 18.5% for polycrystalline & 21.1% for mono crystalline.

Features :

- Designed for high area efficiency.
- Suitable for all environment conditions.
- Excellent low light response.
- Minimal power loss when connected in series.
- Certified by MNRE.
- 30 Years of life span

Application :

- ON-GRID large scale utility systems.
- OFF-GRID residential systems.
- Solar water pumping systems.
- Small panels used for Street lights, Home light systems & Lanterns.



RoHS



Solar Water Heater

A Solar Water Heater is a device which provides hot water for bathing, washing, cleaning, etc. using solar energy. It is generally installed at the terrace or where sunlight is available and heats water during day time which is stored in an insulated storage tank for use when required including mornings.

Evacuated Tube Collector Type

Technical Specifications

Residential Use
Temperature Range - 35 to 45 Degree
Tank Type - Powder coated MS
Insulation Type - 60mm P.U.
Working Principle - Thermo - Syphon
Tank Testing pressure - 1 Kg/cm ² .
Heater Back up with thermostat control



Flate Plate Collector Type

Technical Specifications

Commercial Use
Temperature Range - 65 to 75 Degree
Tank Type - SS 304 GRADE
Insulation Type - 60mm P.U.
Working Principle - Thermo - Syphon
Tank Testing pressure - 1 Kg/cm ² .
Heater Back up with thermostat control



Solar Water Pumping System

Voltaic Power Private Limited is an Indian company working in business verticals like Irrigation Water Pumping and solar water Pumping and is the India's largest solar pumping system installer for Solar AC Pump sets and Solar DC Pump Sets.

Voltaic Power is top solar pump company with wide range of solar BLDC, solar AC, solar AC DC hybrid pump, solar hand pump for drinking water, high capacity solar pumping etc.

- We Provides Solar pumping solutions for every pumping applications.

Types of Pump

- Solar AC Water Pumping System
- Solar DC Water Pumping System

Technical Specification

Advanced permanent magnet brushless technology

High efficiency

High efficiency electrical design (low operation cost, cooler winding temperature)

Mounting : Vertical / max 30° inclination to water surface

Compatible for Submersible pump sets as per IS8034:2002

Motor head as per IS9283:2013

Performance test approval : MNRE, UL & TUV



Successfully Completed Installations



OUR CLIENTELE

UltraTech
CEMENT

OKAYA

TATA STEEL

 **PATANJALI**



 **PILOT INDUSTRIES LIMITED**



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