

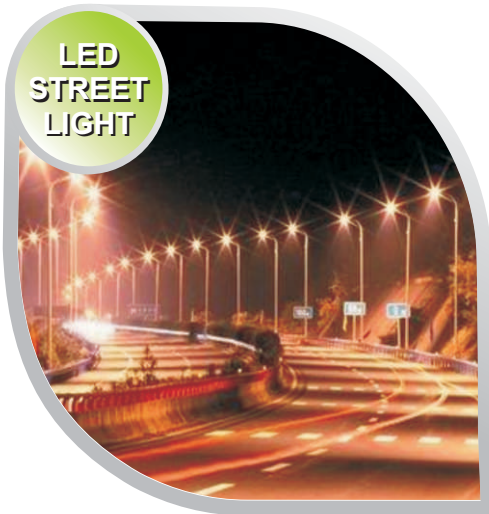
SOLAR
POWER
PLANT



SMART
LIGHT



SOLAR
STREET
LIGHT



LED
STREET
LIGHT



About us:

Unistar Power Private Limited (UPPL) as a reputed manufacturer Solar Balance of Systems and LED based lighting solutions. We have been in operation since 1996. The company derives its strength from its valued customer whose constant guidance and support are the key factor for its strong standing. UPPL in association with its group of companies has in-house manufacturing facilities and services offered are as follows:

Products we offer:

1. LED based domestic and outdoor AC Lighting systems
2. LED based domestic and outdoor Solar Lighting systems

Services we offer:

- 1) Supply, Installation Testing and Commissioning of
 - a. Rooftop Grid-Tied/Off-Grid Solar power plants
 - b. Solar pumping Systems
 - c. LED based Solar Street Lighting Systems (with Battery/Semi Integrated/ Integrated)
 - d. Solar Power Packs
- 2) Project Management Consultancy (PMC) services for Solar Photovoltaic Systems

Certifications:

ISO Certificate



BIS Certificate



NABL Certificate



MSME Certificate





AC STREET LIGHTING SYSTEM

LED Street Lights



Product Features:

- Product Range – 12W to 250W
- Unique design to insure the life of the lamp and cooling effect.
- High quality chips, to meet the lighting needs of different places
- Power Supplier: AC90~265V 50HZ; Temperature: -25~45°C
- Life Span > 30000 Hrs.
- Waterproof: IP65

LED HIGH MAST Lights



Product Features:

- Product Range – 50W to 350W
- Unique design to insure the life of the lamp and cooling effect.
- High quality chips, to meet the lighting needs of different places
- Life Span > 30000 Hrs.
- Waterproof: IP65
- It is used at sites requiring lighting over a large area.

SOLAR STREET LIGHTING SYSTEM

Solar LED Street Lighting system



Product Features:

- IP - 65 Aluminium Die Cast Enclosure.
- Epoxy Powder Coated.
- Heat Resistance & Toughened Glass diffuser.
- Integral Operation using in built LED Driver pack with solar charge controller.
- Thermal management designed for maximum service life.
- Extremely cost effective operation.
- Dusk to Dawn Operation with programing for dimming in night (optional).
- With & without battery, panel & accessories.
- 9W, 12W, 15W, 18W, 24W

Semi Integrated Solar LED Street Lighting system



Product Features:

- Product Range – 7W to 36W
- In Semi-integrated light, solar module are mounted separate from light and battery so that direction of module and light can be change.
- All in one solar Light
- Solar Panel: Imported monocrystalline solar Panel
- Battery: LIPO4
- Mounting Height: 5 to 6 Mtrs
- Applications: Village Lighting, urban road lighting etc.

Fully Integrated Lights



Product Features:

- Product Range – 7W to 36W
- All in one solar Light
- Solar Panel: Imported monocrystalline solar Panel
- Battery: LIPO4
- Mounting Height: 5 to 6 Mtrs
- Applications: Village Lighting, urban road lighting etc.
- An integrated design, easy to ship and with a long service life. An all-in-one product easy to install, as well as for maintenance and replacement.

Smart Lighting system



IOT MODULE

Smart cloud controller GSM is a customizable solution to rapidly create IOT solution prototype and bring them to production quality. SCC-GSM has been designed around GSM module based on Mediatek® Chipset for network connectivity, Semiconductors® Cortex SoC for controlling SCC-GSM operations, SPI FLASH for persistent storage of data like user's configuration, history, states etc. UART Interface, Digital and Analog Interface, MEMS based motion sensor and temper proofing options. The solution is bundled with all the required software component to transfer acquire data to cloud. The firmware implements firmware over the Air (FOTA) features to upgrade firmware from remote locations. It also provides configuration Over the Air (COTA) feature to remotely configure and monitor the device. An alert (tempering, battery status etc.) system is in place to notify users through SMS and web based mechanism in case of critical situation as set by users. In case of any failure system has the capability to auto recover. The firmware is fully customizable as per the interface and protocol requirement of the user.



SOLAR POWER PLANT



We provide complete Turnkey EPC for Rooftop Grid Connect Solar Power System (10KWp to 1MMp) including Site Survey, Design & Engineering, Supply, Installation & Commissioning and Comprehensive AMC/O&M as per customer requirements.

Our range of activities for Turnkey Solar EPC includes :

- Site Development Services (Soil Investigation, Contour mapping, Grading and Land Levelling).
- Energy Estimation for 25 years and optimization Modeling to increase plant
- Detailed Design & Engineering of PV Plant &Evacuation System
- Project risk assessment, Planning and Scheduling.
- Local and global procurement capability PV Plant & Evacuation System.
- Construction Management (Civil/Mechanical/ Electrical).
- Quality Control Assurance at every stage of project executor.
- STIC of Substation &Transmission Line as per project requ cement.
- Liaison support for prompt clearances from State Govt./SERC/DISCOM/local Authorities.
- Comprehensive O&M Services.

With UPPL providing a single point solution for the entire EPC requirement and O&M, the project developer can enjoy optimum generation throughout the project life cycle.

PROJECTS



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