



# **Detail reports on Solar LED Street Light**

**Prepared by**

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## Projects Overview

- This system is designed for outdoor application especially in un-electrified remote rural areas.
- This system is an ideal application for campus and village street lighting.
- The system is provided with battery storage backup sufficient to operate the light for significant hours daily.
- The system is provided with automatic ON/OFF times witch for dusk to down operation and overcharge /deep discharge prevention cut-off with LED indicators.



## About Us

Founded in the year 2015, We APS Infratech Services Pvt. Ltd. has become a renowned name in Supplying, Wholesaling, and Trading of Solar Power System within short span of time. Our wide assortment of products comprises of Solar Based Drinking Water Supply, Solar Power System, Solar Home and Street Light and Solar Panel. Furthermore, our products provide excellent performance, energy savings and high efficiency at very competitive prices. We provide products and solutions which are used by domestic, retail and industrial consumers. Owing to our quality-oriented outlook, economical price structure, convenient payment modes and timely delivery schedule; we have developed a wide base of clientele across the domestic market. We aim to maintain highest quality standards in all respects.

## Solar LED Street Light

We APS Infratech Services Pvt. Ltd established ourselves as a leading name of superior quality supplier of Solar LED Street Light. These are low in terms of power consumption and high in terms of service life. These turn on and turn off automatically by sensing outdoor light using a light source. These products have been designed to work throughout the night. These are raised light sources which are powered by photovoltaic panels generally mounted on the lighting structure or integrated with the pole itself.





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## Advantages

- Lower power consumption.
- Higher power, higher intensity.
- Low maintenance cost.
- Save electricity cost. Save electric transformer and cable cost.
- Environmental Impact - Eliminate Hazardous Disposal.
- Longer lifetime: Lifespan of solar panel is 20-25 years. Lifespan of LED street lights is 6-8 years. Lifespan of battery is 4-6 years.

### Additional Benefits

- Improved Safety .
- Lower Operating Cost.
- Reduced Damage/Theft
- No Insect Swarming.
- Fast Installation.



## Components





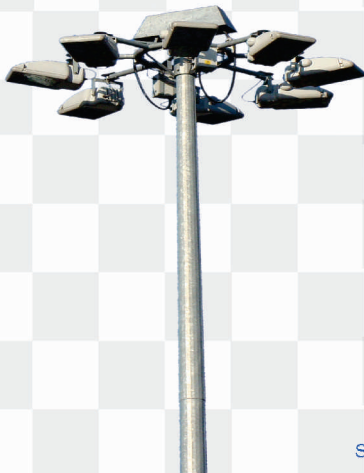
### Solar LED Street Light

SYSTEM WATT	PANEL	BATTERY	POLE
9WATT	50WATT	26 AH	15 FEET
12WATT	50WATT	42 AH	15 FEET
15WATT	60WATT	42 AH	15 FEET
15WATT	75WATT	65AH	15 FEET
18WATT	75WATT	65AH	17.5 FEET
24WATT	120WATT	100AH	17.5 FEET
30WATT	150WATT	150AH	17.5 FEET

- Micro controller based PWM charger
- Constant current driver, Efficiency > 90%
- Reverse polarity protection
- Battery charge indicator with different level
- Parallel back up LED pads
- Auto dusk to down
- Auto dimming(optional)
- Pole available MS or GI material



### Other Light System we Deal With



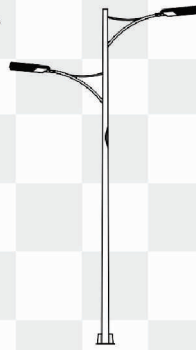
High Mast LED Light



Single Arm



Double Arms



Dislocation Arms



LED Street Light



*Please find enclosed our business proposal. We hope the above is in line with your requirement There you will see the details of our services and ideas. In case of any clarification. Kindly feel free to contact us. We will be waiting for your call. Thank you for your time and assuring you of our best attentions at all times to come.*