

CCTV CAMERA SOLAR LED STREET LIGHT SYSTEM

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TECHNICAL DETAILS:-

Specification & Product Description

- High Performance LED Light Luminary.
- High Performance 140lm/w LED used.
- LED Life Cycle 50000 hours.
- Advance Technology Microcontroller Based Driver used.
- High Efficiency Mono Crystalline Solar Panel used.
- Mono Crystalline Solar Panel Life is 25 years.
- LifePO4 Battery used.
- LifePO4 Battery Life Cycle is 2000 cycle.
- LifePO4 Battery Life is more then 5 years
- Aluminum Housing used for LED Light Luminary and MS Material used for solar panel structure and light arm and others.
- SS Nut Bolt used
- IP65 and IP67 Standard System.
- Energy saving LED Light with dimming system facility.
- 5 Meter GI Pole used.
- Panel Structure, light arm, clamp etc
- CCTV camera with 24/7 recording and working facility available.
- Wi-Fi CCTV Camera connectivity available with Android Mobile.

Features & Advantage

Features & Advantage of LED Light

- :- Trends for solar powered LED street lighting
- :- Regulating voltage out of a solar panel
- :- Application overview
- :- Maximum Peak Power Tracking
- :- Reference design
- :- Driving High-Brightness LED (HB-LED)
- :- Selecting a design approach
- :- Reference design
- :- Higher Lumens LED used
- :- Automatic on On/Off LED Light

Feature & Advantage of Solar Panel

- :- The solar panel is one of the most important parts of a solar street light, as the solar panel can convert solar energy into electricity that the lamps can use.
- :- Solar street lights are independent of the utility grid. Hence, the operation costs are minimized.
- :- Solar street lights require much less maintenance compared to conventional street lights.
- :- Since external wires are eliminated, risk of accidents are minimized.
- :- Electricity produced from solar panels is non-pollutive.
- :- Separate parts of a solar panel system can easily be transported.
- :- Energy costs can be saved.

Feature & Advantage of CCTV Camera

- :- CCTV Camera
- :- Security Camera Systems.
- :- Wireless Video Surveillance.
- :- Software Features.
- :- CCTV can also be used to help solve crimes. CCTV footage. Sometimes, footage from CCTV cameras of citizens can even be used for their purpose.
- :- 24/7 hours working of camera.

Feature & Advantage of LifePO4 Battery:-

- :- Lifepo4 offers a better battery solution.
- :- LifePO4 battery have a life span 10 times longer than that of traditional lead acid battery. This dramatically reduces the need for battery changes.
- :- Lithium iron phosphate batteries operate with much lower resistance and consequently recharge at a faster rate.
- :- LifePO4 lightweight batteries are lighter than lead acid battery, usually weighing about ¼ less.
- :- LifePO4 provides twice the battery capacity in the same amount of space.
- :- With operating range from -40 to 158 degrees Fahrenheit, LifePO4 batteries handle far wider variations in temperature.
- :- LifePO4 battery technology include upper and lower voltage protection, dead short and reverse polarity protection, and a flame retardant chemistry.
- :- LiPO4 battery are environmentally friendly and safe for use in any solar smart light system with cctv camera.
- :- LiPO4 battery is small in size as compare to Lead Acid battery that's why it could not be stolen.

CCTV Camera Solar LED Street Light System Images









THANK YOU

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