



POWER GENERATION
FOR GENERATIONS

SOLAR TRAFFIC SIGNALLING SYSTEMS



Solar Traffic Signalling Systems

Robut, Patented and well proven technology already in use at various location (Eg. Noida, Agra, Lucknow, UP, MP, Dehradun, Assam, etc.) Since last several years.



Major Items



Traffic Signal Light Heads (led Based)



Solar power supply system



Battery Bank



Master Traffic controller



Slave controller (With optional GPRS monitoring)



Digital countdown timers



BOS items like Pole, wiring, etc.

HIGHLIGHTS

- Patented* 32-Bit microprocessor based controller provides very high processing power and a host of advanced feature & GPRS / Wireless communication with control room enables remote monitoring and control of the system.
- Automated alarm e-mails and SMS are sent to authorized persons in case of any defect in the system which ensure fastest possible response time for repair/rectification work.
- Automated scheduled technical reports are e-mailed which can be used to analyze and prevent any potential faults in the system even before they occur.
- Robust 2-wire communication between the Traffic controller and Traffic signal posts reduces the cabling by over 80% as compared to the conventional traffic signals.
- LED based traffic lights confirm to all the specifications related to Road Traffic signals.
- Programmable day and night dimming of traffic lights conserve energy without having any impact on the visibility to the users.
- The traffic lights have a very long life thanks to the polycarbonate casings which are 100% UV resistant and weather proof. The above features result in a system which has almost Zero downtime.



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