



## Solar Blinker

Jain Jyot Solar Blinker is provided with solar module & remains operational for 24 hrs. The blinker is LED based which acts as a speed indicator

### System Description

- ◆ Type of Solar Module : Crystalline silicon
- ◆ Rating : 37 Wp
- ◆ Mounting : Adjustable MS frame
- ◆ System Voltage : 12V
- ◆ Flash rate : 45 flashes +/- 10 flashes per minute
- ◆ LEDs : Super bright in 200 mm aspect
- ◆ Charge Regulator : High efficiency PWM MOSFET controlled
- ◆ Battery : 4 X 12 V, 7Ah Sealed Maintenance free
- ◆ Pole : Steel pole 4 m long
- ◆ Foundation : Grouted with Concrete foundation
- ◆ Autonomy : 1 day
- ◆ Operation : 24 hours under 'clear/sunny' conditions

### Benefits

- ◆ Easy to Install
- ◆ High Quality Weatherproof Construction
- ◆ Super Bright LED with Long Life
- ◆ No Cabling & Trench / Road Cut
- ◆ One Time Fit & Forget, Trouble Free Continuous Operation
- ◆ No Electric Connection Required, No Electric Bill

### Safety Features

- ◆ System is Completely Shock Proof Due to Low Voltage Circuitry
- ◆ Short Circuit Protection



Jain Energy Park, P.O.Box: 20, Jalgaon - 425 001.  
Tel. 0257-2260033/44; Fax: 0257-2261144/55;  
E-mail: solar@jains.com; www.jains.com



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## Jain Jyot Solar Traffic Signal

Traffic signals have become a valuable tool for ensuring smooth traffic flow throughout the city. Conventional Traffic Signals use incandescent lamps consuming high amount of electrical energy and are prone to frequent failure of lamps & fading of the reflectors. These are major constraints in their operation. The frequent failure of these traffic signals cause confusion to the traffic and the fading of the reflector results in drastic luminous depreciation leading to poor visibility of signal. Also, the replacement costs of above components and the labor costs make the system maintenance very expensive in addition to heavy electricity bills.

Jain Jyot solar traffic signal system is having super bright LEDs consuming very less electrical energy, long life & is powered by solar energy.

### System Description

- ◆ Available for 3/4 road junctions
- ◆ Powered by solar & grid power
- ◆ Suitable PV modules & SMF battery for 10 hrs back-up.
- ◆ Micro controller based signal controller, site programmable
- ◆ 3 digit count down timer, LED aspect provide long life and better visibility

### Benefits

- ◆ Remains operational in grid power failure also
- ◆ High quality weatherproof construction
- ◆ Reduction in electrical bills

### Features

- ◆ Very low power consumption
- ◆ Super bright LEDs
- ◆ User friendly programmable controller
- ◆ Multiple programming facility for peak/slack hours and blinker mode
- ◆ Auto/manual blinker selection
- ◆ High contrast visibility even in misty & foggy weather
- ◆ No heat generation



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