

SOLAR TRAFFIC CONTROLS

“Wireless” Traffic Control Solutions

APPLICATION: *Advance Train Warning System*
LOCATION: *Railroad Crossings across the U.S.A.*

Description

Solar Traffic Controls has teamed up with Crossing Safety Technologies to provide solar-powered flashers for its Advance Train Warning System (ATWS) product line. Using Precision Solar Controls lamps, the solar flashers provide a dual 8-inch amber DC LED indication to warn motorists of an approaching train at RR crossings.

The flashers are activated with the ATWS radio link package, a special communications package developed by Crossing Safety Technologies and approved for use in the railroad industry. The master radio unit, located at the rail crossing and connected to the sensing equipment, transmits a signal to activate the flashers. Both the ATWS and the STC flasher contain detection methods to warn of a fault condition on the system thus offering the high reliability required of a flasher application. In addition, the STC flasher unit includes an LCD interface to display system status and a self-test feature to test the control logic which runs the flasher.



Provide Your Requirements to Solar Traffic Controls

Name _____
Company _____
Address _____
City _____ State _____ Zip _____
Telephone (____) _____ Fax (____) _____
Cellular (____) _____
e-mail _____

The success of your solar-powered project is based on three things:

- **Location: where your application site is - nearest town and state**
- **Load: number and size of lamps, timers and other controls - anything which draws power.**
- **Duty Cycle: hours per day and number of days per week the load is active (on).**

The above information enables us to provide you with a Sizing Report which forms the basis of your warranty.

Type of System

(please check your requirements)

Solar Flasher

Lamp Size: 12 inches 8 inches Other - Please indicate size _____
Lamps per pole: 1 2 Other - Please indicate quantity _____
Lamp Color: Amber Red
Type: School Zone 24-Hour Sensor Activated
Run time: _____ hours per day _____ # of days per week
Module Option: Vandal Resistant Activation: Timer Pager

DCUPS Flasher

Lamp Size: 12 inches 8 inches Other - Please indicate size _____
Lamps per pole: 1 2 Other - Please indicate quantity _____
Lamp Color: Amber Red
Type: School Zone 24-Hour Sensor Activated
Run time: _____ hours per day _____ # of days per week
Module Option: Vandal Resistant Activation: Timer Pager

Sensor Power System

Sensor load: _____ amps/watts
Communications Load: _____ amps/watts

Location

Application Site (nearest town): _____
State/Province: _____

Please fill in your requirements with **blue or black pen**. Please **fax** to Solar Traffic Controls at 480-449-9367.

Questions? Please call us at 480-449-0222. We will contact you with a quote for your system.



For more information

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