

MC 682 Solar *MicroCab* Controller



Harness the Sun with the MC 682 Solar Powered Controller

Trafficware is pleased to announce the first totally integrated SOLAR POWERED traffic controller. This SOLAR POWERED, fully-actuated controller assembly contains an internally enhanced conflict monitor, flasher, and solid state load switches. The MC 682-SOLAR also allows for six (6) combination phase, pedestrian, and/or overlap outputs with the programming capability of a fully featured Series 900 controller. The innovative, user-friendly and menu-driven software makes the MC 682-SOLAR simple to program.



MC 682 Solar *MicroCab* Controller

Features

SOLAR POWERED	Operates on 10.5 to 15.0 VDC.
COMPACT CONSTRUCTION	The MC 682-SOLAR contains only three printed circuit boards which include the CPU board, the conflict monitor board, and the output triac board.
CONFLICT MONITOR	Detects any full- or half-wave conflicts occurring on the Green, Yellow, or Walk outputs. A watchdog signal is monitored for malfunctions in the microprocessor. The conflict monitor contains a “power-on” flash timer similar to a standard NEMA monitor. It monitors Red Fail and multi-indications by channel, and is keypad programmable for permissive and multi-indications per channel.
COORDINATION	The MC 682-SOLAR operates as a fully actuated and coordinated controller which uses state-of-the-art coordination techniques.
DISPLAYS	The MC 682-SOLAR is equipped with a 4x40 LCD display for menu selection and status of operation. LED indicators are located on the front panel for COORDINATION ON, CONFLICTS, and POWER.
FLASH OUTPUT	Phases can be programmed to flash RED or YELLOW during MUTCD flash.
INITIALIZATION	Four starting interval options are available including Green, Yellow, Red, or ALL Red for three (3) seconds.
COMMUNICATION	Two high speed (up to 19.2 kbps, user programmable) RS-232 ports are provided for laptop interface and/or a systems interface.
WARRANTY	The MC 682-SOLAR is covered by a one (1) year warranty. Optional extended warranty and/or services are available.
OPERATION	Voltage: 10.5 to 15.0 VDC Output: 20 Amps Max Temp: -35° F to +165° F Humidity: 0 to 95 percent
PHYSICAL	Height: 8.25 in. Width: 12.5 in. Depth: 7.5 in. Weight: 11 lb.

