GUARDIAN SERIES

INTELLIGENT FLASHER SYSTEM

The Guardian Series is a product line that monitors and alerts users of current and potential problems with batteries, solar panels, time switches, and power supplies located in flasher systems or any other electronic device. Alerts are sent via text or e-mail to an unlimited number of recipients and can be set to send around-the-clock or only during user-defined business hours.

RTC Guardian Series models feature these monitoring capabilities:

SOLAR VOLTAGE: Solar voltage levels are continuously monitored and updated daily in RTC Connect™. The data is displayed graphically in 15-minute intervals, illustrating anomalies in the solar charging cycle and providing valuable information about the solar power and surrounding solar environment.

LOAD STATUS: Continuously monitors load terminals and issues an alert to RTC Connect™ if the load voltage to the system is disconnected by the solar regulator.

LEDS/DC LAMPS: Continuously monitors LED/lamp terminals and sends an alert if an LED or DC lamp burns out or is vandalized.

BATTERY: Battery voltage levels are continuously monitored and updated daily in RTC Connect™. The data is displayed graphically in 15-minute intervals, illustrating the relationship between the solar and battery voltages. An alert is issued to RTC Connect™ if the monitored battery voltage falls below a user set level. An alert is also issued in the case of battery theft.

TIME SWITCH: Continuously monitors the internal time switch voltages and issues an alert if the time switch loses power.

DOOR: Continuously monitors the status of the cabinet door and issues an alert indicating when the door is opened. Door switch is required.
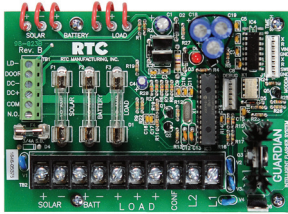
School Zone Safety Since 1987

RTC | RTC Manufacturing, Inc.

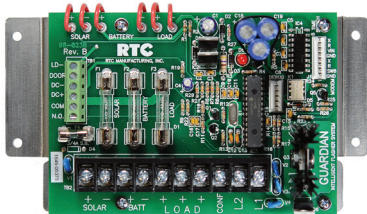# GUARDIAN SERIES

INTELLIGENT FLASHER SYSTEM

*The Guardian Series is represented by three products: the **Guard, Guard1** and **Guard2** — each consists of a Guardian circuit board and a Guardian M2M harness, which connects the Guardian circuit board to the time switch and cell modem (sold separately).*
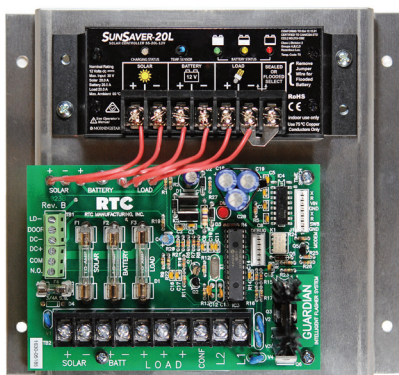

Guard

GUARD FEATURES *(Guardian board only)*

— Designed for existing RTC customers that have an RTC flasher control board and a six-position solar regulator.

— GUARD includes ONLY the Guardian circuit board and M2M harness.

— Dimensions: Width: 5.625" | Height: 4" | Depth: 1.5"

Guard1

GUARD1 FEATURES *(Guardian board and mounting bracket)*

— Designed for customers who do not have an existing flasher control board, but do have a six-position solar regulator.

— The bracket holds the Guardian circuit board and has holes for mounting to a flat surface inside an appropriately sized cabinet.

— Mounting bracket constructed using .125" natural finish aluminum.

— Dimensions: Width: 7.25" | Height: 4" | Depth: 2.0625"

Guard2

GUARD2 FEATURES *(Guardian board, solar regulator, and mounting bracket)*

— Designed for customers who do not have an existing flasher control board or a six-position solar regulator.

— The large bracket holds the Guardian circuit board and the solar regulator and has holes for mounting to a flat surface inside an appropriately sized cabinet.

— Mounting bracket constructed using .125" natural finish aluminum.

— Dimensions: Width: 8.125" | Height: 7.375" | Depth: 2.75"

Each product in the Guardian Series is designed to work in conjunction with RTC Connect™, RTC time switches, and RTC M2Ms.