

# SPECTRON®

*Self-Test/Self-Diagnostic Electronics System*



**Technologically Advanced SPECTRON®  
self-testing, self-diagnostic electronics provide  
increased reliability and labor cost savings**

- Automatically performs required monthly testing
- Visually indicates unit readiness status
- Energizes emergency lights during "brownout" conditions
- Built-in automatic 15-minute retransfer delay
- Saves time and Labor



## Features

- Self-testing circuitry performs required monthly equipment readiness test
- Self-diagnostic circuitry checks lamps, battery condition, AC/battery connections and transfer/charger circuitry
- Status alert panel provides visual indication of unit readiness
- Automatic monthly testing and 60-minute extended test every six months
- Built-in time delay retransfer circuit holds unit in emergency mode for 15 minutes following return to normal AC power
- Circuitry detects "brownout" AC power conditions

## Benefits

- Eliminates time and labor associated with the manual "30 second per unit" monthly testing procedure
- Performs routine tests of all circuits and assures operational readiness at all times
- Automatically detect problems before an emergency condition occurs
- Routine battery cycling insures optimum battery performance and maximum useful life
- Allows HID fixtures additional time to cool down, strike an arc and return to normal operation
- Energizes emergency lights during "brownout" conditions, illuminating the path of egress

## Labor Cost Savings

*Automatic monthly testing saves time and labor*

### Example (manual montly test):

- 100 units in the building
- Testing takes 10 minutes per unit per month (1)
- Tests conducted each month for 11 months (2)
- Labor Rates of \$25.00 per hour (1)

### Calculatons

- 10 minutes x 100 units = 16.7 hours per month
- 16.7 hours per month x \$25 per hour = \$417.50 per month
- \$417.50 per month x 11 months = \$4,592.50 annual savings

## Spectron-equipped products can help pay for themselves!

(1) Based on electrical contractor estimates, it takes 1 labor unit (or 10 minutes) to conduct the monthly test at a national labor rate average of \$25.00 per hour, with benefits.

(2) The Life Safety Code (NFPA 101) requires a monthly 30-second test of every emergency lighting unit and exit sign in the building. That same code also requires that an annual 90-minute discharge test be conducted.

## Products with Spectron®



EV4D-02WAL



EZ-2



EV4R



LZ



LM



EVHC



CLML



DYNAMO



ELSS



LAMPak Power Packs



EVC



SE Sempra



EVE4X



LE



DYNC