

INSTALLATION INSTRUCTIONS

INSTRUCTIONS FOR SELF-DIAGNOSTIC TEST:

Once the unit is properly installed according to the installation instruction sheet and AC power supplied, the dual color LED indicator will come ON and the self-diagnostic test function will automatically initiate. Unit will switch into a load calibrating mode for 5-10 seconds to record the connected load. Connected lampheads and EXIT sign (where applicable) will turn ON during this step. Once done, the LED indicator will show a RED/GREEN flashing status. This indicates that the unit is in Hi-charge mode. A STEADY GREEN LED indicates normal service; FLASHING GREEN indicates the unit is testing; GREEN/RED FLASHING indicates the battery is charging; RED (in different combinations) would indicate a service alert. Refer to the SERVICE INDICATION chart below for more details. The LED would be OFF when the unit is in emergency mode.

During a manually-initiated test OR monthly/annual self-diagnostic test, if the calibrated load is not detected, then the LED indicator will flash FOUR times, indicating a load failure error. This error code can be reset by pressing and holding the test switch for at least (6) seconds, allowing the unit to calibrate the load again.

SELF-DIAGNOSTIC SERVICE

The self-diagnostic function is factory preset and performs the following:

- M Monitoring of battery, charger, LED board (when applicable) and lamps.
- N Self-testing and a 30-second or longer discharge once every 30 days, after AC power has been supplied for a minimum of 24 hours.
Self-testing and a 30-minute or longer discharge once every 180 days, after AC power has been supplied for a minimum of 24 hours.
Self-testing and a 90-minute or longer discharge once every 365 days, after AC power has been supplied for a minimum of 24 hours.

SERVICE INDICATION

LED Indicator	Status
One Flash Red	Replace Electronics
Two Flash Red	Replace Battery
Three Flash Red	Replace LED board (where applicable)
Four Flash Red	Replace lamp head
Five Flash Red	Replace k
Steady Red	Connect Battery
Solid Green	Trickle Charge mode
Flashing Green	In test mode
Red/Green Flashing	High Charge mode

MANUAL TESTING

The unit also provides for manual testing by pressing the test button in a specific pattern

Action	Reaction & LED Indication
Push test button thrice (within 2 secs)	90-minute discharge test; FLASHING Green
Push test button twice (within 2 secs)	30-minute discharge test; FLASHING Green twice
Push test button once (within 2 secs)	30-second discharge test; FLASHING Green thrice
Push test button and hold for 3 seconds (in test mode)	Self-discharge test is canceled; If this is done, then a manual test of the same duration is recommended to be done to ensure compliance
Push test button and hold for 6 seconds (in error mode)	System is reset; Unit will recalibrate the load connected

WARNING:

- a. Ensure that power is OFF before making any electrical connections
- b. Unused wires must be capped off using enclosed wire nuts