

# Egress Lighting Integrity Test

## General

When designing an emergency egress lighting system, it is imperative to fully understand the design's NFPA testing capabilities. As stated in the NFPA 101 requirements, the life safety system must be able to perform at a minimum, a 30

second test every 30 days, and a full load test annually. The results of these tests must be logged and filed or stored. Automatic, complete egress lighting system testing removes the human element and the expense of manual testing.

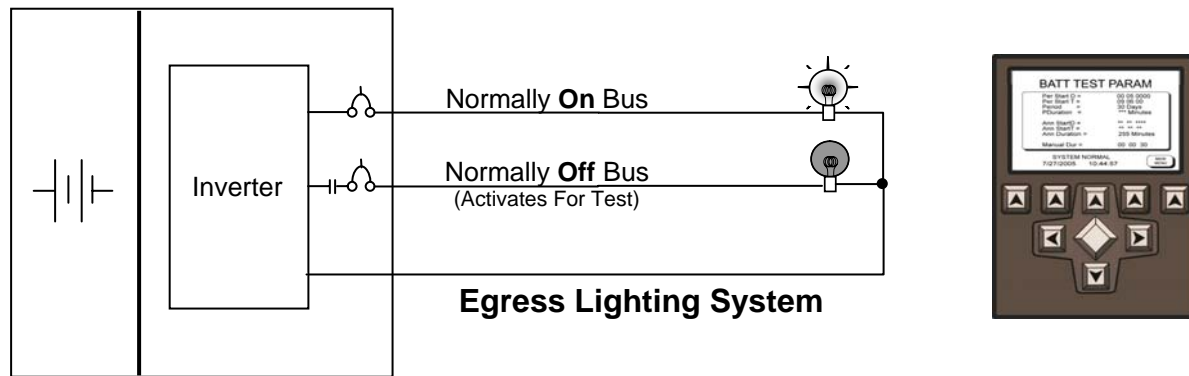
Remember, in most cases, building insurance is only valid when all codes are complied with every month. Reduced liability is not an accident, it is by design.

## The eLITE ELE (2kW – 18kW) & UltraLITE (3.0kW – 14kW)

The eLITE ELE comes equipped with the industry's most advanced NFPA testing capabilities available as a standard feature. The Intellistat monitor has the ability to perform an Egress Lighting Integrity Test every time an

NFPA required test is performed. The Egress Lighting Integrity Test will check the inverter, batteries, breakers, cable, light fixtures and light bulbs. Power readings are taken at system start-up (full load), and stored for future

NFPA test comparison. If during the comparison, the power deviation is greater than 3-5% typical (user programmable), an alarm will sound to indicate a problem. This feature is also an available option on UltraLITE systems.



**Emergency Lighting Inverter**

## Summary

The eLITE ELE and UltraLITE will provide the most comprehensive NFPA testing available. The last 25 test results are stored in non-volatile memory with a time /

date, pass / fail stamp. NFPA test Time and Date are user programmable. All loads attached to the inverter "On-Bus" and "Off-Bus" will be energized during NFPA

mandated tests. This method of testing will provide a true indication of the Life Safety System status every month.