

Quick Guide



Emergency Lighting

2 Hour Run Time- FEMA Solutions Quick Guide



FEMA requires a minimum of 120 minutes (2 hours) of emergency illumination for Tornado Safe Rooms as mandated in the FEMA Guidelines for Community Safe Rooms. Assurance Emergency Lighting has numerous battery powered solutions to meet or exceed both the minimum light levels and run time requirements.

LED Emergency Driver

The **L10-DC-2H** 10W Constant Power LED Emergency Driver is an excellent choice for cost effective applications for 2 hour emergency applications. For a single luminaire, the L10-DC-2H can be installed with a switched, dimmed or night light class 2 LED luminaire. It will need an unswitched hot to monitor local power and charge the internal battery.



Si-Series Pure Sine Wave Inverters

All of our Si- Series can be de-rated to achieve 2 hour emergency run time operation. The below chart will give you clear guidance to choose the correct inverter. All of our inverters can be loaded to the maximum listed power rating. The Si-36 is a unique product and can operate multiple fixtures at reduced illumination to achieve even greater savings. Visit our website for more details including remote mounting distances.

Si-Series Model	120 Minute (2 hour) Derated Load
Si-36	27W (Normal power can be loaded to 90W using the power Share feature)
Si-125	94W
Si-250	188W
Si-400	300W
Si-600	450W

