

The major differences between a UL 924 / UL 924A emergency lighting inverter and a UL 1778 uninterruptable power supply are listed below;

1. The testing requirements for an emergency lighting inverter are designed to guarantee life safety operation of the lighting inverter. The testing requirements for UL 924 are extremely exhaustive and comprehensive, UL is putting their mark on a piece of equipment that is not just safe to use but is guaranteeing that the safety of others is protected.
2. The lighting inverter guarantee's that the egress lighting paths will be fully illuminated for a minimum of 90 minutes even at 100 % loading, no matter what type of lamps used.
3. The recharging of the batteries, which is a major part of the testing requirements, ensures that the batteries will be ready for a power outage when you need it. In the event of a power outage the battery will provide uninterrupted lights for 90 minutes minimum but within 24 hours of the power being returned the unit will again be able to provide 60 minutes minimum.
4. Self-testing and lamp testing is also part of the requirements for UL 924, there is never a doubt that you are protected.