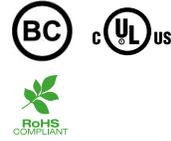




FIREHORSE

FULHAM



25W Micro-Inverter / Emergency Power Supply



The Fulham FireHorse FHUPS1-UNV-25L-SD is a 25 Watt Micro-Inverter / Emergency Power Supply that delivers power to any fixture in emergency mode at 25W for 90 minutes. Its uniqueness and differentiability stem from its ability to run a fixture greater than 25W, which previously required a higher cost, higher wattage inverter.

The FHUPS1-UNV-25L-SD also saves money by reducing SKUs needed for emergency fixtures, because it can support one fixture rated for 150W or multiple fixtures whose system wattage adds up to 150W in normal operation.

- Cost reduction: Eliminates need for a higher wattage, more costly inverter and reduces SKUs required for Emergency capability in fixtures
- Quick installation: No need to open up a luminaire to connect to the driver
- Dims luminaires of up to 150W down to 25W in emergency with 0-10V dimming; 25W max without 0-10V dimming
- Under voltage, short circuit and overload protections
- Common applications include offices, retail outlets and warehouses



25W Micro-Inverter / Emergency Power Supply

**Works with any fixture $\leq 150W$ for 25W of Constant
Emergency Power for 90 minutes**

Fulham's innovative, new Micro-Inverter offers the ability to power any fixture in emergency mode at 25W for a period of 90 minutes.

Its uniqueness stems from its ability to run a fixture GREATER than 25W by using built-in 0-10V dimming wires. For example, the unit will scale down the power of a 150W fixture to 25W in Emergency Mode, allowing customers to use this inverter in high output applications where previously a costly inverter was the only solution.

The FHUPS1-UNV-25L-SD can support one rated for 150W or multiple fixtures whose system wattage add up to 150W in normal operation (although anything greater exceeds the input power rating of the unit.) This reduces the number of SKUs needed for emergency fixtures to save money.

- Uninterrupted Power Supply
- Universal input
- UL listed and CEC Title 20 compliant
- 120-277 VAC output
- Dims luminaires of up to 150W down to 25W(45VA) in emergency with 0-10V dimming; 25W(45VA) max without 0-10V dimming
- 25W output
- 0 – 50°C ambient rated
- 12hr recharge time
- Conduit for leads



- Under voltage protection, short circuit protection, overload protection
- Easy installation time: no need to open up a luminaire to connect this device to the driver.
- Can be used with luminaires where the driver is not accessible, e.g. UFO high bays
- Saves money: higher wattage fixtures previously required a higher wattage/higher cost inverter
- Self diagnostic standard
- RJ11 port allows Bluetooth compatibility

FHUPS1-UNV-25L-SD Specifications

Operating Voltage Normal Mode	100V - 277V	Min. Emergency Operation	90 Mins.
Operating Voltage Emergency Mode	120V - 277V	Min. Required Charging Time	12 Hours
Frequency	50/60Hz	Battery Type	LiFePo4
Input Current	0.12A	Pack Capacity	3600mAh
Input Power	11W	Battery Rating	69Wh
Output Power Emergency	25W (45VA) Max.	Battery Count	6 Cells

Wiring one single luminaire without 0-10V dimming



Wiring multiple luminaires with 0-10V dimming

