



25W Micro-Inverter / Emergency Power Supply



Fulham is excited to announce the launch of a new Emergency Lighting innovation. You've heard about it, and it's orderable now!

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 via built-in 0-10V dimming wires.

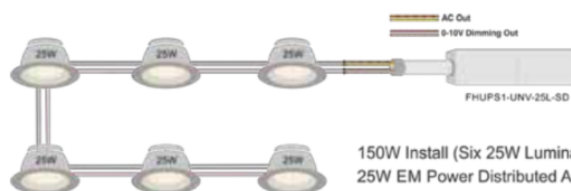
Example: Our micro-inverter will scale down the power of a 150W fixture to 25W in Emergency Mode, allowing customers to use this inverter in high output applications where a costly inverter was previously the only solution.

The FHUPS1-UNV-25L-SD can support one fixture rated for 150W or multiple fixtures whose system wattage adds 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.

Wiring one single luminaire without 0-10V dimming



Wiring multiple luminaires with 0-10V dimming



Common applications include multiple can lights in office buildings, LED flat panels where the driver is not accessible and individual LED high bays in warehouses, but any fixture(s) under 150W can be powered.

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

Key Features/Benefits

- Saves money: higher wattage fixtures previously required a higher wattage/higher cost inverter; SKU reduction
- Dims luminaires of up to 150W down to 25W in emergency with 0-10V dimming; 25W max without 0-10V dimming
- Under voltage protection, short circuit protection, overload protection
- Easy installation time: no need to open up a luminaire to connect to the driver
- Suitable for luminaires where the driver is not accessible, e.g. UFO high bays
- 0 – 55°C ambient rated
- Conduit for leads
- Self-diagnostic standard
- RJ11 port allows Bluetooth compatibility
- UL listed, CEC Title 20
- 5 Year Warranty

Support Assets:

- Online Product Page: <https://www.fulham.com/product-systems/emergency-systems/25w-micro-inverter-emergency-power-supply/>
- Spec Sheet with wiring: <https://www.fulham.com/PDFs/SpecSheets/FHUPS1-UNV-25L-SD-2020-853-specsheet.pdf>
- Installation Instructions: <https://www.fulham.com/PDFs/SpecSheets/FHUPS1-UNV-25L-SD-2020-853-installation-instructions.pdf>
- Digital 2-Page Flyer: <https://www.fulham.com/PDFs/FH-25W-Micro-Inverter-EM-flyer.pdf>
- Product Images: <https://www.fulham.com/launch-assets/FireHorse-microinverter-PNGs.zip>
- Training PPT (<http://www.fulham.com/agent-tools/FHUPS1-UNV-25L-SD--inverter.pptx.zip>)
- Downloadable Micro-Inverter Video: <http://www.fulham.com/launch-assets/25W-Inverter.mp4>
- Eailable YouTube Video Link: <https://youtu.be/q-yeM1wLiTM>
- Catalog pg 39 in the Lighting Guide: <https://www.fulham.com/PDFs/Fulham-North-America-catalog.pdf>
- Eailable catalog link: <https://tinyurl.com/yat2mzgV>
- Logotype PNG files: <http://www.fulham.com/agent-tools/Fulham-logos-png-clear-backgrounds.zip>

For more information, contact us here: