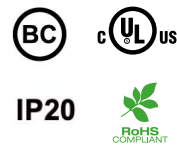
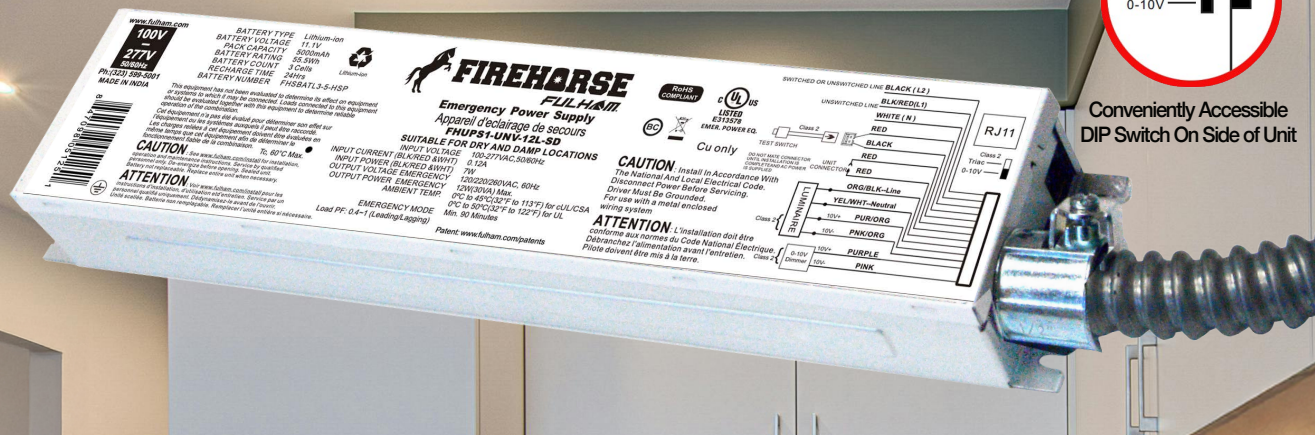




**For 0-10V &  
TRIAC Dimming  
Fixtures**



## 12W Programmable Micro-Inverter / Emergency Power Supply



Conveniently Accessible  
DIP Switch On Side of Unit

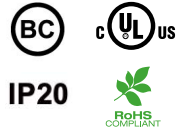
**The Fulham FireHorse FHUPS1-UNV-12L-SD is a 12 Watt Micro-Inverter / Emergency Power Supply that delivers power to any fixture in emergency mode at 12W for 90 minutes (it can be programmed down to 6W for 160 minutes, or with tiered selections in between).**

**Its further uniqueness and differentiability stem from its ability to run a 0-10V or TRIAC dimmable fixture of GREATER than 12W, which previously required a higher cost, higher wattage inverter.**

- Cost reduction: Eliminates needed for a higher wattage, more costly inverter
- Quick installation: No need to open up a luminaire to connect to the driver
- Dims a luminaire of up to 100W down to 12W in emergency with 0-10V dimming; or also dims a luminaire of up to 18W down to 12W in emergency with TRIAC dimming; 12W max for a non-dimming fixture
- Under voltage, short circuit and overload protections
- Common applications include indoor locations that include dimming fixtures of 100W or less, such as offices, retail outlets and more



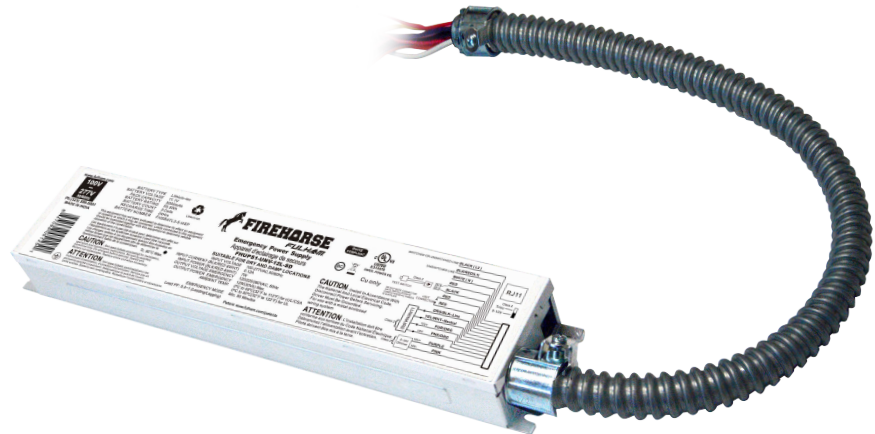
## 12W Micro-Inverter / Emergency Power Supply



**Works with any 0-10V ( $\leq 100W$ ) or TRIAC ( $\leq 18W$ ) dimming fixture  
for 12W of Constant Emergency Power for at least 90 minutes**

Fulham's innovative, new programmable Micro-Inverter offers the ability to power any fixture (any lighting technology) in emergency mode at 12W for a period of 90 minutes (or down to 6W for 160 mins, plus tiered values in between).

Its further uniqueness stems from its ability to run a fixture GREATER than 12W through support of 0-10V or TRIAC dimming. For example, the unit will scale down the power of a 100W 0-10V fixture (or up to 18W TRIAC fixture) to 12W in Emergency Mode, allowing customers to use this inverter in high output applications where previously a costly inverter was the only solution.



- Uninterrupted Power Supply
- Universal input
- UL listed and CEC Title 20 compliant
- 120-277 VAC output
- Dims a 0-10V luminaire of up to 100W down to 12W(30VA) in emergency; dims a TRIAC luminaire of up to 18W down to 12W(30VA) in emergency; 12W(30VA) max without dimming
- Programmable between 6W - 12W output, where lower wattage increases minutes of operation
- 0 - 50°C ambient rated
- IP20 for dry and damp locations
- 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
- Saves money: higher wattage fixtures previously required a higher wattage/higher cost inverter
- Self diagnostic standard
- RJ11 port allows Bluetooth compatibility

### FHUPS1-UNV-12L-SD Specifications

Operating Voltage Normal Mode	100V - 277V	Programmable EM Output Power	6W - 12W (30VA) Max.
Autoselect Output Voltage, EM Mode	120/220/260VAC	Min. Emergency Operation	12W for 90 Mins., 6W for 160 Mins
Frequency	50/60Hz	Min. Required Charging Time	12 Hours
Input Current	0.12A	Battery Type	Ternary Lithium
Input Power	7W	Pack Capacity	5000mAh

#### Wiring a luminaire without dimming (12W max)



#### Wiring a luminaire with TRIAC dimming (18W Max)



#### Wiring a luminaire with 0-10V dimming (100W Max)

