



Constant Power Programmable LED Emergency Driver

The next generation of clever, reliable LED emergency systems





- Up to 10W of constant power emergency output
- Compliant with CEC Title 20 requirements for battery chargers
- Advanced features include self-diagnostics and detailed data logging
- Communication Modes include: DALI V1.0 or Bluetooth with supporting Smart Link



The HotSpot Constant Power Programmable LED Driver provides programmable, constant power emergency output for existing LED modules. Ideal for OEMs, the driver automatically detects the capacity of the attached battery to provide its maximum constant output for a minimum of 90 minutes. Programmable output capability enables longer emergency runtimes when required. Five different batteries are available to meet varying runtime and form factor requirements, and a unique bicolor LED test switch provides automatic system health information.

Driver Specifications

| | | | |
|-------------------------------------|---|--|---|
| Model Number | FHSCP-UNV-10P-L-SD | Dimensions (L x W x H) | 7.89" x 2.05" x 1.17" |
| Input Voltage | 100-277VAC, 50/60Hz | Battery Type | NiCd 9.6VDC / LiFePO4 9.6VDC |
| Input Current | 0.06A Max. | Battery Recharge Time | NiCd: 24 Hours / LiFePO4:12 Hours |
| Output Power | 1-10W | Certifications | cULus, CE, ENEC, RoHS, CEC Title 20 |
| Output Current | 620mA Max. | Input Surge Protection | Line-Neutral 2kV, Line & Neutral-Ground 2kV |
| Output Voltage Range | 16-55VDC | Warranty | 5 years |
| Number of Output Channels | 1 | Self-Diagnostics | Factory-enabled by default, can be disabled by luminaire manufacturer |
| Output Type | Class 2 | Bicolor LED Indicator Included LED indicator/test switch provides automatic system status updates |  System OK / Test In Progress  System Health Alert |
| RFI/EMI | FCC Part 15A Non-Consumer | | |
| Ambient Operating Temperature Range | 10°C to 55°C (50°F to 131°F) | | |
| Communication Modes | DALI V1.0 or Bluetooth w/ supporting Smart Link | | |

HotSpot Constant Power Programmable Battery Packs

| Model number | Max. load for 90 min | Capacity | Battery Voltage | Battery Type | RoHS | Recharge Time | Dimensions (L x W x H) |
|-------------------------|----------------------|----------|-----------------|--------------|-----------|---------------|------------------------|
| FHSBATL3-1.5-SD | 5W | 1500mAh | 9.6V | LiFePO4 | Compliant | 12 hours | 3.48" x 2.87" x 0.96" |
| FHSBATL3-3-SD | 10W | 3000mAh | | | | | 4.39" x 2.92" x 1.30" |
| FHSBATL6-1.5L-SD | 10W | 3000mAh | | | | | 9.13" x 1.63" x 0.97" |
| FHSBATL9-.6-SD | 6W | 1800mAh | | | | | 7.52" x 1.87" x 0.79" |
| FHSBATT8-C3L-SD | 10W | 3000mAh | | NiCd | Exempt | 24 hours | 9.25" x 2.11" x 1.21" |



FHSBATL6-1.5L-SD



FHSBATL9-.6-SD



FHSBATT8-C3L-SD

Advanced Programming Features

The FHSCP-UNV-10P-L-SD is compatible with Fulham's SmartSet Programming Platform and TPSB-100 handheld controller. Programmable output allows emergency runtimes longer than 90 minutes when required.



TPSB-100
SmartSet Controller



SmartSet
Software

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North America • China • Europe • India • Latin America

Fulham Headquarters: 12705 S. Van Ness Avenue, Hawthorne, CA 90250 Tel: +1 (323) 599-5000 Fax: +1 (323) 754-9060 • order@fulham.com

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