HotSpot Plus LED Driver & Emergency System

The Power of a Programmable LED Driver, the Dependability of an Integrated LED Battery Backup System

- All-in-one unit combines 0-10V dimmable LED driver, emergency LED driver, and replaceable backup battery
- Lowers costs by eliminating need to install separate emergency system
- Simple installation helps reduce assembly line confusion and wiring mistakes
- Output current programmable in 1mA increments using handheld controller
- Programmable dimming curve allows step dimming and dim-to-off
- Self-Diagnostics standard for improved reliability and reduced maintenance costs

Shrink your emergency footprint

Typical 40W driver and 10W emergency driver → HotSpot Plus 40W Compact model

Typical 70W driver and 7W emergency driver → HotSpot Plus 70W Slim model
HotSpot Plus LED Driver and Emergency System

<table>
<thead>
<tr>
<th>Watts</th>
<th>Output Current (mA)</th>
<th>Output Voltage (VDC)</th>
<th>Model Number</th>
<th>Input Voltage (VAC)</th>
<th>Dimming Type</th>
<th>Dimensions (LxWxH)</th>
<th>Case Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>250-1400</td>
<td>10-55</td>
<td>FHSAC1-UNV-40BLS</td>
<td>120 - 277 (50/60Hz)</td>
<td>0-10V</td>
<td>6.38” x 3.15” x 1.54”</td>
<td>Compact w/ Bottom Leads</td>
</tr>
<tr>
<td>40</td>
<td>250-1400</td>
<td>10-55</td>
<td>FHSAC1-UNV-40C</td>
<td>120 - 277 (50/60Hz)</td>
<td>0-10V</td>
<td>6.29” x 3.00” x 1.10”</td>
<td>Compact w/ End Leads</td>
</tr>
<tr>
<td>40</td>
<td>250-1400</td>
<td>11-55</td>
<td>FHSAC1-UNV-40L</td>
<td>120 - 277 (50/60Hz)</td>
<td>0-10V</td>
<td>9.50” x 2.40” x 1.34”</td>
<td>Linear w/ End Leads</td>
</tr>
<tr>
<td>70</td>
<td>350-2400</td>
<td>11-55</td>
<td>FHSAC1-UNV-70S</td>
<td>120 - 277 (50/60Hz)</td>
<td>0-10V</td>
<td>16.71” x 1.18” x 1.00”</td>
<td>Slim w/ End Terminals</td>
</tr>
</tbody>
</table>

Specifications

- **Input Current**: 0.45A @ 120VAC, 0.21A @ 277VAC
- **Power Factor**: >0.9
- **THD**: <20%
- **Dimming Range**: 100% - 1%
- **Battery Type**: LiFePO4
- **Battery Capacity**: 20.4Wh for FHSAC1-UNV-40x models & 14.4Wh for FHSAC1-UNV-70S
- **Recharge Time**: 12 Hours
- **Warranty**: 5 years. See specification sheet for details.
- **Advanced Features**: Illuminated test switch/AC power indicator, switchable self-diagnostics, user-selectable emergency power level

Common HotSpot Plus Applications*

**FHSAC1-UNV-40L/C/BLS**
2-foot troffer with 2 Fulham Vizion 22” VMU125050LP840A modules (Wired in Parallel)

- Normal operation: 3488Im, 500mA, 19.39W
- Emergency mode: ~1095Im for 180 min or ~2190Im for 90 min

**FHSAC1-UNV-40C**
4-foot troffer with 4 Fulham Vizion 44” VMU240095LP840A modules (Wired in Parallel)

- Normal operation: 7551Im, 1100mA, 41.83W
- Emergency mode: ~1095Im for 180 min or ~2190Im for 90 min

**FHSAC1-UNV-70S**
4-foot troffer with 4 Fulham Vizion 44” VMU240095LP840A modules (Wired in Parallel)

- Normal operation: 13,955Im, 2000mA, 73.35W
- Emergency mode: ~645Im for 180 min or ~1500Im for 90 min

*Diagrams for reference only. Refer to specification sheets for more information.*