

HotSpot2 LED Emergency Lighting System

Compact, modular emergency backup for LED luminaires



- Provides reliable emergency lighting capability in LED luminaires
- Low energy use during standby mode (CEC Title 20 Compliant)
- Programmable output current enables custom emergency runtimes
- Self-diagnostic capability reduces liability and maintenance costs

The HotSpot2 is a CEC-compliant LED emergency lighting system for use with LED modules driven by a constant current source. The battery charger automatically adjusts to the connected battery, and output current can be set by a wiring harness or Fulham's SmartSet programming software, allowing a wide range of lumen outputs and runtimes. Two driver form factors, plus a range of batteries, test switches, and extension cables, allow the HotSpot2 to provide LED emergency lighting in almost any situation.

HotSpot2 Drivers

Model Number	FHS2-UNV-36L	FHS2-UNV-56S
Input Voltage	100-277VAC	
Input Frequency	50/60Hz	
Input Current	0.1A Max	
LED Currents	100mA - 700mA	
Standby Input Power	<0.8W	
Total LED Power	20W	
Input Surge Protection	2.5KV Ring Wave	
Over Current Protection	Fuse	
Illumination Time	90 - 350 Min	
LED Connection	Series	
LED Output Protection	Self Resetting PTC	
Output Classification	UL1310/Class 2	
Bicolor LED Indicator	Included LED indicator / test switch provides automatic system status updates	
Output Voltage	12 - 55VDC	12 - 56VDC
Dimension	L 5.3" x W 1.7" x H .93"	L 9.5" x W 1.19" x H 1"

HotSpot2 Emergency Battery Packs

Model Number	Dimensions (L x W x H)	Chemistry	Capacity (mAh)	Battery Count	Recharge Time	Max. Load for 90 min. (W)	
						-36L	-56S
FHSBATT8-AA.9	5.23" x 2.39" x 0.66"	NiCd	900	8 Cells	24Hrs	4	4
FHSBATL3-1	3.48" x 2.29" x 0.91"	LiFePO4	1000	3 Cells	24Hrs	4	4
FHSBATL6-.6	5.23" x 1.88" x 0.88"	LiFePO4	1200	6 Cells	24Hrs	6	4
FHSBATL3-1.5	3.48" x 2.70" x 0.91"	LiFePO4	1500	3 Cells	24Hrs	8	8
FHSBATL3-1.5S	8.87" x 1.11" x 0.96"	LiFePO4	1500	3 Cells	24Hrs	8	8
FHSBATL9-.6	7.52" x 1.81" x 1.18"	LiFePO4	1800	9 Cells	24Hrs	10	8
FHSBATTC3-3†	6.00" x 3.60" x 1.55"	LiFePO4	3000	3 Cells	24Hrs	14*	14*
FHSBATL6-1.5	5.70" x 2.70" x 0.91"	LiFePO4	3000	6 Cells	24Hrs	16	14
FHSBATL6-1.5L	7.89" x 1.50" x 1.19"	LiFePO4	3000	6 Cells	24Hrs	16	14
FHSBATL6-1.5S	16.7" x 1.11" x 0.96"	LiFePO4	3000	6 Cells	24Hrs	16	14
FHSBATT8-C3	4.15" x 3.29" x 2.11"	NiCd	3000	8 Cells	24Hrs	16	16
FHSBATL8-C3L	7.89" x 2.06" x 1.04"	NiCd	3000	8 Cells	24Hrs	16	16
FHSBATL3-3	4.39" x 2.76" x 1.22"	LiFePO4	3000	3 Cells	24Hrs	16	16
FHSBATT8-D4	4.95" x 3.84" x 2.66"	NiCd	4000	8 Cells	24Hrs	20	20
FHSBATL6-3	7.52" x 2.76" x 1.22"	LiFePO4	6000	6 Cells	32Hrs	20**	20**
FHSBATL6-3L	8.00" x 2.09" x 1.18"	LiFePO4	6000	6 Cells	32Hrs	20**	20**

† Cold Pack Battery: -20°C minimum operating temperature

* Rated 10W for Canada

** Rated 16W for Canada

HotSpot2 Accessories

Wiring harnesses: Used to set the output current to the LED module during emergency operation. Using lower current will allow longer run times.	Model Number	mA	Model Number	mA	Model Number	mA
	FHS-HARNESS-100	100	FHS-HARNESS-250	250	FHS-HARNESS-550	550
	FHS-HARNESS-125	125	FHS-HARNESS-300	300	FHS-HARNESS-600	600
	FHS-HARNESS-150	150	FHS-HARNESS-350	350	FHS-HARNESS-650	650
	FHS-HARNESS-175	175	FHS-HARNESS-400	400	FHS-HARNESS-700	700
	FHS-HARNESS-200	200	FHS-HARNESS-450	450		
	FHS-HARNESS-225	225	FHS-HARNESS-500	500		
FHS-TSTWL-BC	IP67, bicolor LED Indicator / test switch for use in exposed, outdoor-rated luminaires					
FHS-EXT12M	12" battery extension cable					
FHS-EXT12L	12" battery extension cable (for battery FHSBATT8-AA.9 only)					
FHS-EXT12H	12" battery extension cable (for battery FHSBATT8-D4 only)					
FHS-EXT-48-TST	48" test switch extension cable					

Also available: battery mounting brackets, wallplates, and side enclosures. For more information, visit www.fulham.com

Ordering a complete HotSpot2 Emergency System:

- Select a DRIVER (FHS2-UNV-36L or FHS2-UNV-56S) based on dimensions and output voltage
- Select a BATTERY based on dimensions, total capacity, and max load
- Select a WIRING HARNESS based on required current and run time

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