Big Beam® Emergency Lighting

LIFELIGHT 3

3 KW - 125 KW

Three Phase

Uninterrupted Emergency Lighting and Power Systems

SPECIFICATIONS

The Lifelight Plus maintains efficient AC Emergency Power to operate all emergency lighting fixtures at "full-light" output, providing superior dependability and security to commercial/industrial environments in a small footprint.

POWER RATING

3 KW - 125 KW (or 3,000 Watts - 125,000 Watts) three phase output unit uses the latest technology to provide the most advanced performance and reliability features

INPUT

- 208Y/120, 480Y/277, 208 or 480VAC input 60Hz

OUTPUT

- 208Y/120 or 480Y/277VAC True "on-line" design is ≥92% efficient at 100% linear load

BATTERIES

- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- *Smart Battery Monitoring System* is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

LAMPS & LOADS

- Emergency power provides **FULL LIGHT OUTPUT** from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

CODES

- UL 924, UL 1778, meets NFPA 101, NFPA 70, NEC and OSHA standards
- Cities of Chicago and New York approved
- Complies with the Buy American Act

PROTECTION

- Provides overload, surge and undercurrent protection using *Watchdog Software* to protect system performance and reliability
- Surge protection against load surges as defined in ANSI/IEEE C62.45 category A and B

DIAGNOSTICS & MAINTENANCE

- *Watchdog Software* provides complete self diagnostic capabilities and LED Monitoring
- Informative advanced Display and Alarms keep you in control of your emergency lighting environment 24/7
- Automatically performs periodic self-tests ensuring a safely lighted environment *prior* to an emergency
- Single point of testing instead of multiple testing points with battery packs

CABINET

- Space saving small footprint
- Modular design enables flexible installation
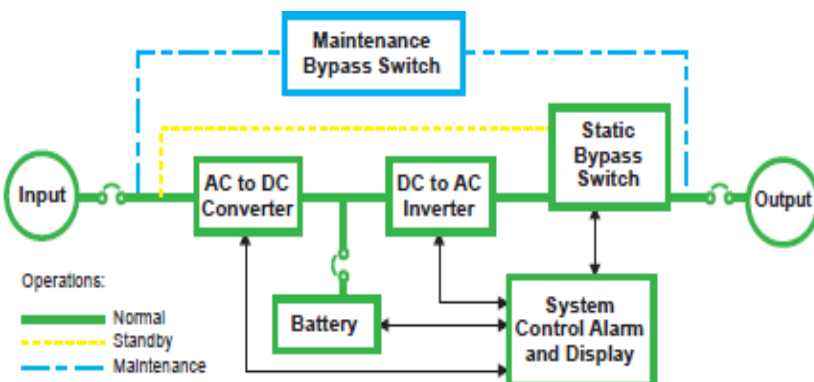
INSTALLATION

- Modular design and small footprint allow easy installation in electrical closet or other convenient locations
- Phone assisted factory start-up standard for all systems
- Extended warranty available

SPECIAL APPLICATIONS

- Numerous UL924 optional devices to meet unusual or difficult application parameters
- ECM - Environmental Circuit Module allows fixtures and lamps on the emergency circuit(s) to be operated by normal switching and/or dimming devices in NON-emergency conditions
- Dimming Panel Interface allows use with emergency lights controlled by common dimmer panel

WARRANTY

- 1-Year full warranty on system electronics
- Battery warranty 1-year with 9-years pro-rated
- System 1-year on-site warranty labor with DSPM phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

LIFELIGHT 3 SERIES	POWER RATING	UPS CABINET DIMENSIONS			BATTERY CABINET DIMENSIONS			WEIGHT (combined)	BRITISH THERMAL UNIT's	BATTERY TYPE	VOLTAGE		OUTPUT PROTECTION	SAFETY APPROVALS
UPSS	KVA/KW	W	H	D	W	H	D	(lbs)	BTU's		Input	Output		UL924
	3	42"	71"	22.5"	NOT REQUIRED			980	816					UL1778
	4.5	42"	71"	22.5"	NOT REQUIRED			1100	1224					NFPA 101
	6	42"	71"	22.5"	NOT REQUIRED			1350	1632					NFPA 70
	8	42"	71"	22.5"	(No.1)42"	71"	22.5"	1700	2176					NEC
	10	42"	71"	22.5"	(No.1)42"	71"	22.5"	2250	2720					
	12	42"	71"	22.5"	(No.1)42"	71"	22.5"	2700	3264					
	16	42"	71"	22.5"	(No.1)42"	71"	22.5"	2950	4352	Sealed Maintenance free (AGM) lead calcium	208Y/120VAC, 480Y/277VAC, 208 or 480VAC (Consult factory for others)		Input and Output Circuit Breakers STANDARD	
	20	42"	71"	22.5"	(No.1)42"	71"	22.5"	3800	5440					
	24	42"	71"	22.5"	(No.2)42"	71"	22.5"	4350	6528					
	30	42"	71"	22.5"	(No.2)42"	71"	22.5"	5150	8160					
	40	42"	71"	22.5"	(No.3)42"	71"	22.5"	6790	10880					
	50	42"	71"	22.5"	(No.4)42"	71"	22.5"	8384	13600					
	60	50"	71"	32"	Consult Factory				16320					
	80	50"	71"	32"	Consult Factory				21760					
	100	50"	71"	32"	Consult Factory				27200					
	125	50"	71"	32"	Consult Factory				34000					

The Lifelight 3 provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation …"simplicity"…connect the Plus to the emergency circuit(s) and everything is backed up…"reliability"…during a power outage. All lighting connected to the Plus will simply continue to operate at "**full light output**". Watchdog© software keeps your environment safe while self-diagnostics help maintain equipment to a high standard. Superior surge suppression assures the highest quality of power being delivered to all loads, all the time. Equipment and lamp life are maximized.

We sincerely hope you never experience a real emergency, but if you do,
you deserve the **security**, **safety** and **peace of mind** that the Lifelight 3 ensures.

ORDERING INFORMATION
Choose the bold face catalog nomenclature that best suits your needs.
Write them on the appropriate line. Order accessories as separate catalog number.

Example:
UPSS - 12.0 - 208Y/120 208Y/120- EMB OCB/120/3/20/1
Description of Example:
(12.0 KW, 208Y/120 Voltage In, 208Y/120 Voltage Out, External Maintenance Bypass Switch, 3 Output 120 Voltage Circuit Breakers at 20amps, 2 pole)

UPSS-FAMILY	3-POWER RATING	208Y/120 VOLTAGE	208Y/120	EPO-OPTIONS	90 TIME
	KW	INPUT / OUTPUT		ECM120 - 120V Environmental control module / qty	Minutes
	3	208Y/120	208Y/120	ECM277 - 277V Environmental control module / qty	5
	4.5	208Y/121	280Y/277	NOF - Normally OFF output circuit/voltage / qty/pole	10
	6	480Y/277	208Y/120	NOH - Normally OFF "Hold ON"/voltage/qty/pole	15
	8	480Y/277	480Y/277	OCB - Output circuit breakers / voltage / quantity/amps/pole	20
	10	208	208Y/120	EPO - Emergency power off	25
	12	208	480Y/277	RSSP - Remote Indicator Panel	30
	16	480	208Y/120	SNMP - SNMP Card	45
	20	480	480Y/277	FC - Form C Contacts	60
	24			SRB - Seismic rated bracket	90 (Standard)
	30			STU3 - Onsite start-up	120
	40			IDB - Internal dimmer bypass	180
	50			EMB - External maintenance bypass switch	240
	60			EW - Extended warranty	
	80				
	100				
	125				

1. **Consult with factory for other voltage requirements. Special voltages may effect the weight, size and number or cabinets**
2. **One ECM is used per switching device or circuit.**
3. **Consult with factory for other run times.**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.