

LIFELIGHT MINI

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

- 350 Watts - 2000 Watts single phase output unit uses the latest technology to provide the most advanced performance and reliability features

INPUT

- 120V, 208V, 240V, 277V, or 480V input 60Hz

OUTPUT

- 120V, 277V, 480V, 120/240 or 120/277VAC output 60Hz. True "on-line" design is $\geq 92\%$ efficient at 100% linear load

BATTERIES

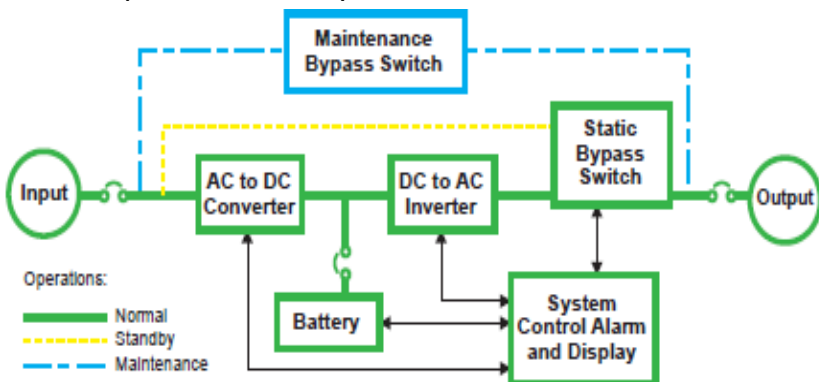
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- *Smart Battery Monitoring System* is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

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



350 W - 2000 W

Single Phase

Uninterrupted
Emergency
Lighting and
Power
Systems



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

- Offering 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



MINI SERIES	POWER RATING	CABINET DIMENSIONS			WEIGHT	BRITISH THERMAL	BATTERY TYPE	VOLTAGE		OUTPUT PROTECTION	SAFETY APPROVALS
						UNIT's		Input	Output		
UPSS	VA/W	W	H	D	(lbs)	BTU's	Sealed Maintenance free (AGM) lead calcium			Input and Output Circuit Breakers STANDARD	UL924
	350	24"	26"	16"	340	95.2		120	120		UL1778
	525	24"	26"	16"	340	142.8		208	277		NFPA 101
	700	24"	26"	16"	370	190.4		240	480		NFPA 70
	750	24"	26"	16"	370	204		277	120/240		NEC
	875	24"	26"	16"	370	238		480	120/277		
	1050	24"	26"	16"	440	285.6					
	1400	24"	26"	16"	460	380.8					
	2000	24"	26"	16"	600	544					

The *Lifelight Mini* provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ..."simplicity"...connect the Mini to the emergency circuit(s) and everything is backed up..."reliability"...during a power outage. All lighting connected to the Mini 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 MINI 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-1050-208/120-OCB120/3/20/1 NOF/120/1-90

Description of Example:

(4.2 KW, 277 Voltage In, 277 Voltage Out, 3 277V Environmental Control Modules, 3 Output 277 Voltage Circuit Breakers at 20amps, 2 pole, 45 minute run time)

UPSS-FAMILY	350-POWER RATING	120/120-VOLTAGE	240/120-240-VOLTAGE	ECM120-OPTIONS	90-TIME
	VA/W	<u>Input/Output</u>	<u>Input/output</u>	ECM120 - 120V Environmental control module / qty	<u>Minutes</u>
	350	120/120	240/120-240	ECM277 - 277V Environmental control module / qty	5
	525	120/277	240/120-277	NOF - Normally OFF output circuit/voltage / qty/pole	10
	700	120/480	277/120	NOH - Normally OFF "Hold ON"/voltage/qty/pole	15
	750	120/120-240	277/277	OCB - Output circuit breakers / voltage / quantity/amps/pole	20
	875	120/120-277	277/480	EPO - Emergency power off	25
	1050	208/120	277/120-240	RSSP - Remote Indicator Panel	30
	1400	208/277	277/120-277	SNMP - SNMP Card	45
	2000	208/480	480/120	FC - Form C Contacts	60
		208/120-240	480/277	SRB - Seismic rated bracket	90 (Standard)
		208/120-277	480/480	STUM - Onsite start-up	120
		240/120	480/120-240	IDB - Internal dimmer bypass	180
		240/277	480/120-277	EMB - External maintenance bypass switch	240
		240/480		EW - Extended warranty	

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.