



Job Name: _____

Type: _____

Part : _____

Notes: _____

LSL COBRA MICRO

SPECIFICATIONS

The LSL Cobra Micro maintains efficient AC Emergency Power to operate all emergency lighting fixtures at “full-light” output after the transfer is complete, providing superior dependability and security to commercial/industrial environments in a small footprint.

POWER RATING: 525 Watts - 1050 Watts single phase output unit uses the latest technology to provide the most advanced performance and reliability features.

DIAGNOSTICS AND MAINTENANCE:

- Our technology and Watchdog Software provides complete self diagnostic capabilities and LCD 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

INPUT: 120V or 277, 208, 240, 480 VAC input 60Hz

OUTPUT: 120V or 277, 240, 120/240, 120/277 VAC. Stand-by design is ≥99% efficient at 100% linear load

PROTECTION:

- Provides overload, surge and undercurrent protection using technology and Watchdog Software to protect system performance and reliability
- Transfer in 16msec - 60msec

BATTERIES:

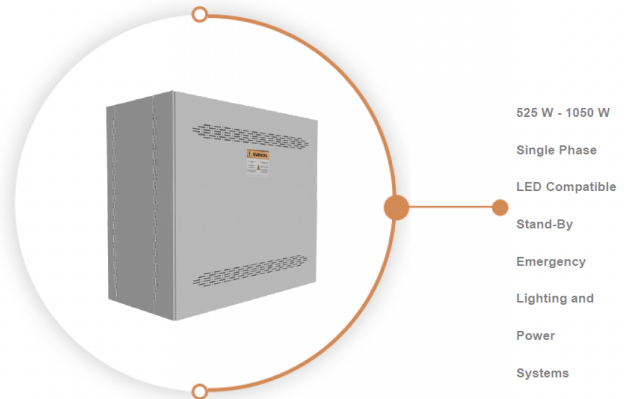
- Sealed, maintenance-free, lead calcium (AGM) batteries • 10-Year prorated warranty
- Smart Battery Monitoring System is TEMPERATURE COMPENSATED maintaining maximum runtime and battery life
- Microprocessor controlled recharge and overcharge protection standard

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

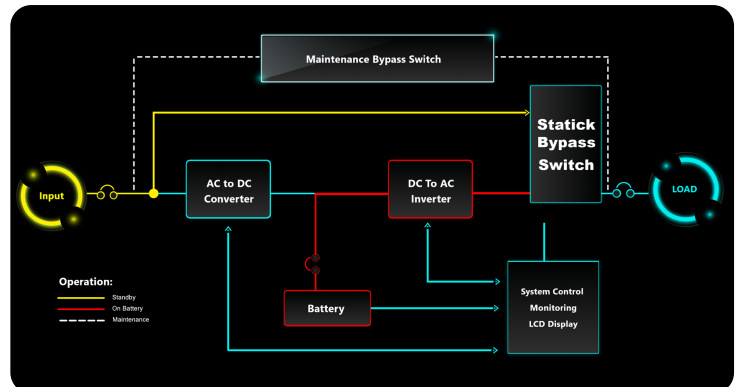
LAMPS AND LOADS:

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, 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, New York, and Los Angeles approved
- Complies with the Buy American Act





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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

SPECIAL APPLICATIONS:

- WE offers 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

CABINET:

- Space saving small footprint
- Modular design enables flexible installation

Micro Series	Power Ratings	UPS			Weight	British Thermal Units	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						Input	Output		
LSCMEL	VA/W	W	H	D	(lbs)	BTU's	Sealed, Maintenance free (AGM) lead calcium			Input and output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
	525	25"	22"	12"	157	17.8		Select 120	Select 120		
	700	25"	22"	12"	200	23.8		208	120/240		
	875	25"	22"	12"	200	29.8		240	or 277		
	1050	25"	22"	12"	207	35.7		277	120/277		
							408				

The Cobra Micro Elite provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ...”simplicity”...connect the Micro Elite to the emergency circuit(s) and everything is backed up...”reliability”...during a power outage. All lighting connected to the Micro Elite will simply continue to operate at “full light output” once the transfer is complete. 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. We sincerely hope you never experience a real emergency, but if you do, you deserve the security, safety and peace of mind that the Cobra Micro Elite ensures.

ORDERING INFORMATION:

Choose the bold face catalog nomenclature that best suites your needs.
 Write them on the appropriate line. Order accessories as separate catalog number.
 Example: LSCMEL - 525 - 120/120 - NOF/120/1
 Description of example:
 (525 Watt, 120 Voltage In, 120 Voltage Out, 1 Normally Off 120 Volt Output Circuit)

LSCMEL

FAMILY	POWER RATING	VOLTAGE	OPTIONS ¹
	<u>VA/W</u>	<u>Input/Output</u>	<u>Input/Output</u>
	525	120/120	240/120-240
	700	120/277	240/120-277
	875	120/120-240	277/120
	1050	120/120-277	277/277
		208/120	277/120-240
		208/277	277/120-277
		208/120-240	480/120
		208/120-277	480/277
		240/120	480/120-240
		240/277	480/120-277

- ECM120 - 120V Environmental control module²/qty
- ECM277 - 277V Environmental control module²/qty
- STUM - Onsite start-up
- EW - Extended warranty
- NOF - Normally "OFF"¹
- OCB - Output Circuit Breaker¹
- RSSP - Remote Indicator Panel¹
- FC - Form "C" Contacts¹