



Job Name: _____

Type: _____

Part #: _____

Notes: _____

Cobra Micro Elite

SPECIFICATIONS

The LSL Cobra Micro Elite 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 LSL 24/7/PWM technology to provide the most advanced performance and reliability features

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% efficiency at 100% linear load

BATTERIES

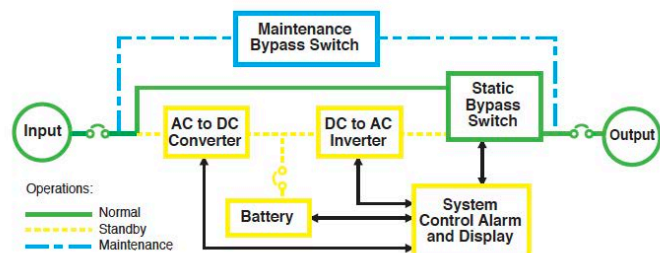
• Sealed, maintenance-free, lead calcium (AGM) batteries
• 10-Year prorated warranty
• Smart Battery Monitoring System is TEMPERATURE COMPENSATED maintaining maximum runtime and battery life
• Microprocessor controlled recharge and overcharge protection standard

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



Single Phase LED Compatible Stand-By Emergency Lighting and Power Systems



PROTECTION

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

DIAGNOSTICS AND MAINTENANCE

• Our technology and the 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

• LSL 24/7 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

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 LSL 24/7 phone assisted start-up
• 5-Year powertrain warranty
• Maintenance contracts available



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LSCMEL Series

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

The LSL 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 from LSL 24/7 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 ¹		OPTIONS	TIME ³
	VA/W	Input/Output	Input/Output	ECM120 - 120V Environmental control module ² /qty	Minutes
	525	120/120	240/120-240	ECM277 - 277V Environmental control module ² /qty	5
	700	120/277	240/120-277	STUM - Onsite start-up	10
	875	120/120-240	277/120	EW - Extended warranty	15
	1050	120/120-277	277/277	NOF - No Off ¹	20
		208/120	277/120-240	OCB - Output Circuit Breaker ¹	25
		208/277	277/120-277	RSSP - Remote Indicator Panel ¹	30
		208/120-240	480/120	FC - Form "C" Contacts ¹	45
		208/120-277	480/277		60
		240/120	480/120-240		90 (Standard)
		240/277	480/120-277		120
					180
					240

NOTES:

1-Combination of options may be limited. Please contact factory.

2-One ECM is used per switching device or circuit.

Specifications subject to change without notice.