

# COBRA MINI

## SPECIFICATIONS

The LSL Cobra Mini 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

- 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, 240V, 277V, 480V, 120/240 or 120/277VAC. Stand-by design is  $\geq 99\%$  efficient at 100% linear load

### BATTERIES

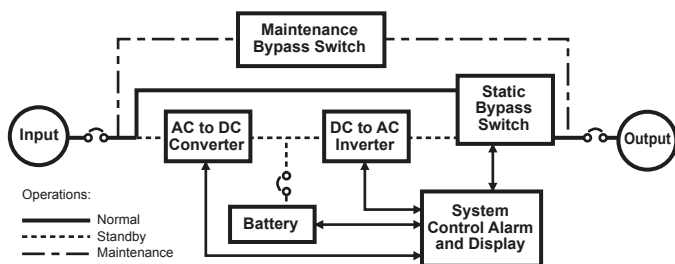
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

### LAMPS 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 and New York approved
- Complies with the Buy American Act



350 W - 2000 W

Single Phase

Stand-By  
Emergency  
Lighting and  
Power  
Systems



### PROTECTION

- Provides overload, surge and undercurrent protection using technology and The 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 MFG phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available



Job Name: \_\_\_\_\_

Type: \_\_\_\_\_

Part #: \_\_\_\_\_

Notes: \_\_\_\_\_

Mini Series	Power Rating	UPS			Weight	British Thermal Unit	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						Input	Output		
LSCMINI	VA/W	W	H	D	(lbs)	BTU's	Sealed, Maintenance free (AGM) lead calcium	<u>Select</u>	<u>Select</u>	Input and output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
	350	24"	26"	16"	340	11.9		120,	120,		
	525	24"	26"	16"	340	17.85		208,	277,		
	700	24"	26"	16"	370	23.8		240,	480,		
	750	24"	26"	16"	370	25.5		277	120/240		
	875	24"	26"	16"	370	29.75		or	or		
	1050	24"	26"	16"	440	35.7		480	120/277		
	1400	24"	26"	16"	460	47.6					
2000	24"	26"	16"	600	68						

The LSL Cobra 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” once the transfer is complete. The 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 Mini 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:

**LSCMINI - 1050 - 208/120 - OCB/120/3/20/1 NOF/120/1 - 120**

Description of example:

(1050 Watt, 208 Voltage In, 120 Voltage Out, 3 Output 120 Voltage Circuit Breakers, 1 Normally Off 120 Volt Output Circuit at 20amps, 2 pole, 120 minute run time)

FAMILY	POWER RATING	VOLTAGE <sup>1</sup>	OPTIONS	TIME <sup>3</sup>
	<u>VA/W</u>	<u>Input/Output</u>	<u>Input/Output</u>	<u>Minutes</u>
	350	120/120	240/120-240	5
	525	120/277	240/120-277	10
	700	120/480	277/120	15
	750	120/120-240	277/277	20
	875	120/120-277	277/480	25
	1050	208/120	277/120-240	30
	1400	208/277	277/120-277	45
	2000	208/480	480/120	60
		208/120-240	480/277	90 (Standard)
		208/120-277	480/480	120
		240/120	480/120-240	180
		240/277	480/120-277	240
		240/480		
			ECM120 - 120V Environmental control module <sup>2</sup> / qty	
			ECM277 - 277V Environmental control module <sup>2</sup> / qty	
			NOF - Normally OFF output circuit/voltage / qty/pole	
			NOH - Normally OFF "Hold ON"/voltage/qty/pole	
			OCB - Output circuit breakers / voltage / quantity/amps/pole	
			EPO - Emergency power off	
			RSSP - Remote Indicator Panel	
			SNMP - SNMP Card	
			FC - Form C Contacts	
			SRB - Seismic rated bracket	
			WB - Wall mounted bracket	
			STUM - Onsite start-up	
			IDB - Internal dimmer bypass	
			EMB - External maintenance bypass switch	
			EW - Extended warranty	

### NOTES:

1-Consult 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 factory for other run times.

Specifications subject to change without notice.