

# COBRA MICRO ELITE

## SPECIFICATIONS

*The 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 DSP/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% efficient at 100% linear load

### BATTERIES

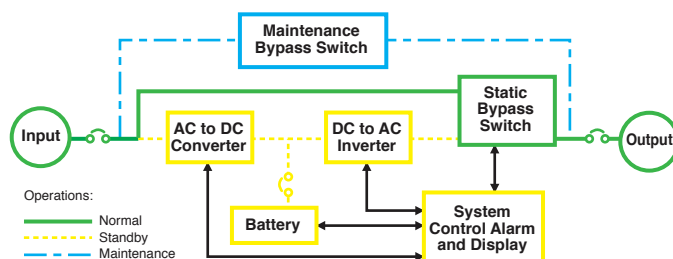
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

### 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, New York, and Los Angeles approved
- Complies with the Buy American Act



Catalog Number	
Project	Notes
Signature	Date

## 525 W - 1050 W

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



### PROTECTION

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

### DIAGNOSTICS AND MAINTENANCE

- DSP/PWM technology and DSPM *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

- DSPM 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 DSPM phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

# COBRA MICRO ELITE



Micro Series	Power Rating	UPS			Weight (lbs)	British Thermal Unit's	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						Input	Output		
CMEL	VA/W	W	H	D			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 or 120/277		
	1050	25"	22"	12"	207	35.7		277 or 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. DSPM 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 **DSPM** 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:

**CMEL - 525 - 120/120 - NOF/120/1**

Description of example:

(525 Watt, 120 Voltage In, 120 Voltage Out, 1 Normally Off 120 Volt Output Circuit)

CMEL				OPTIONS <sup>1</sup>	
FAMILY	POWER RATING	VOLTAGE			
	VA/W	Input/Output	Input/Output		
	525	120/120	240/120-240		ECM120 - 120V Environmental control module <sup>2</sup> /qty
	700	120/277	240/120-277		ECM277 - 277V Environmental control module <sup>2</sup> /qty
	875	120/120-240	277/120		STUM - Onsite start-up
	1050	120/120-277	277/277		EW - Extended warranty
		208/120	277/120-240		NOF - Normally "OFF" <sup>1</sup>
		208/277	277/120-277		OCB - Output Circuit Breaker <sup>1</sup>
		208/120-240	480/120		RSSP - Remote Indicator Panel <sup>1</sup>
		208/120-277	480/277		FC - Form "C" Contacts <sup>1</sup>
		240/120	480/120-240		
		240/277	480/120-277		

### 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.



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