

# COBRA MICRO



## SPECIFICATIONS

The 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

- 75 Watts - 450 Watts single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

### INPUT

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

### OUTPUT

- 120V, 277V or 480VAC. Stand-by design is ≥99% efficient at 100% linear load

### BATTERIES

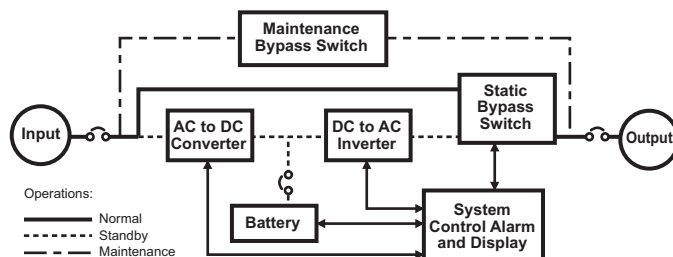
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

### 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

- Listed to UL 924, meets NFPA 101, NFPA 70, NEC and OSHA standards
- Cities of Chicago and New York approved
- Complies with the Buy American Act



Catalog Number	
Project	Notes
Signature	Date

75 W - 450 W

Single Phase

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



Micro Series	Power Rating	UPS			Weight (lbs)	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions					Input	Output		
CMIC	VA/W	W	H	D		Sealed, Maintenance free (AGM) lead calcium			Input and output circuit breakers standard	UL924 NFPA 101 NFPA 70 NEC
	75	22.5"	17.5"	8"	45					
	100	22.5"	17.5"	8"	48		<i>Select</i>	<i>Select</i>		
	125	22.5"	17.5"	8"	48		120,	120,		
	200	22.5"	17.5"	8"	54		277	277		
	300	22.5"	17.5"	8"	66		or	or		
	350	22.5"	17.5"	8"	78		480	480		
	400	22.5"	17.5"	8"	82					
450	22.5"	17.5"	8"	86						

The Cobra Micro provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ..."simplicity"...connect the Micro to the emergency circuit(s) and everything is backed up..."reliability"...during a power outage. All lighting connected to the Micro 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 from **DSPM** ensures.

## ORDERING INFORMATION

Choose the bold face catalog nomenclature that best suites your needs.

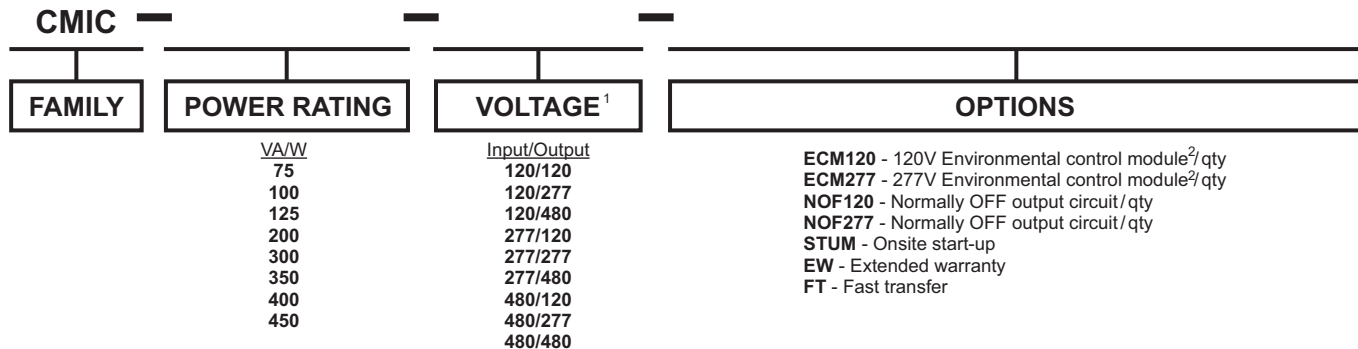
Write them on the appropriate line. Order accessories as separate catalog number.

Example:

**CMIC - 150 - 208/120 - OCB/120/3 NOF120/1**

Description of example:

(150 Watt, 208 Voltage In, 120 Voltage Out, 3 Output 120 Voltage Circuit Breakers, 1 Normally Off Output Circuit)



### 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.

Specifications subject to change without notice.



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