

# COBRA MINI



## SPECIFICATIONS

The 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 DSP/PWM technology to provide the most advanced performance and reliability features

### INPUT

- 120V, 208V, 240V, 277V or 480V input 60Hz

### OUTPUT

- 120V, 208V, 240V, 277V, 480V, 120/240 or 120/277VAC.  
Stand-by design is ≥99% efficient at 100% linear load

### BATTERIES

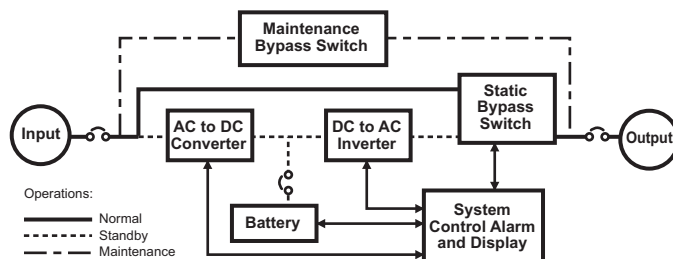
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

### 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

## 350 W - 2000 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



Mini Series	Power Rating	UPS			Weight	British Thermal Unit	Battery Type	Voltage (VAC)		Output Protection	Safety Approvals
		Cabinet Dimensions						Input	Output		
CMINI	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 NFPA 101 NFPA 70 NEC
	350	24"	26"	16"	340	11.9		120,	120,		
	525	24"	26"	16"	340	17.85		208,	208,		
	700	24"	26"	16"	370	23.8		240,	277,		
	750	24"	26"	16"	370	25.5		277	480,		
	875	24"	26"	16"	370	29.75		or	120/240		
	1050	24"	26"	16"	440	35.7		480	or		
	1400	24"	26"	16"	460	47.6			120/277		
2000	24"	26"	16"	600	68						

The 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. 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 Mini 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:

**CMINI - 1050 - 208/120 - OCB/120/3 NOF120/1 - 120**

Description of example:

(1050 Watt, 208 Voltage In, 120 Voltage Out, 3 Output 120 Voltage Circuit Breakers, 1 Normally Off Output Circuit, 120 minute run time)

CMINI				
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	120/208	240/120-277	10
	700	120/277	277/120	15
	750	120/480	277/208	20
	875	120/120-240	277/277	25
	1050	120/120-277	277/480	30
	1400	208/120	277/120-240	45
	2000	208/208	277/120-277	60
		208/277	480/120	90
		208/480	480/208	120 (Standard)
		208/120-240	480/277	180
		208/120-277	480/480	240
		240/120	480/120-240	
		240/208	480/120-277	
		240/277		
		240/480		
			ECM120 - 120V Environmental control module <sup>2</sup> /qty	
			ECM277 - 277V Environmental control module <sup>2</sup> /qty	
			NOF120 - Normally OFF output circuit / qty	
			NOF277 - Normally OFF output circuit / qty	
			NOH120 - Normally OFF "Hold ON"/qty	
			NOH277 - Normally OFF "Hold ON"/qty	
			OCB - 20 Amps output circuit breakers /voltage /quantity	
			EPO - Emergency power off	
			RSSP - Remote Indicator Panel	
			SNMP - SNMP Card	
			FAX - Fax Modem	
			FC - Form C Contacts	
			SRM - Seismic rated bracket	
			WB - Wall mounted bracket	
			STUM - Onsite start-up	
			IDB - Internal dimmer bypass	
			EMB - External maintenance bypass switch	
			EW - Extended warranty	
			FT - Fast transfer	

### NOTES:

1-Consult factory for other voltage requirements.

Special voltages may effect the weight, size and number of cabinets.

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

3-Consult factory for other run times.

Specifications subject to change without notice.



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