

ETERNALIGHT MICRO



SPECIFICATIONS

The Eternalight 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 - 300 Watts single phase output unit uses the latest DSP/PWM technology to provide the most advanced performance and reliability features

INPUT

- 120V or 277V input 60Hz

OUTPUT

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

BATTERIES

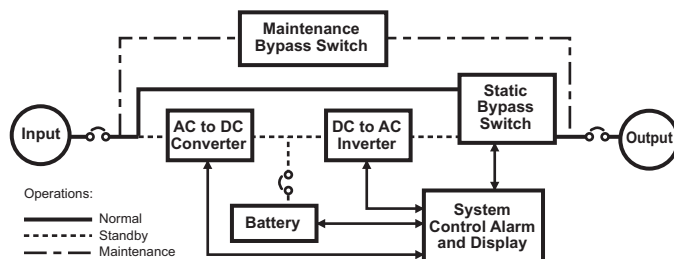
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- DSP/PWM Smart Battery Monitoring System is **TEMPERATURE COMPENSATED** maintaining maximum runtime and battery life
- Microprocessor controlled recharge and DSP/PWM overcharge protection standard

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 and New York approved
- Complies with the Buy American Act



75 W - 300 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) | British Thermal Unit's | Battery Type | Voltage (VAC) | | Output Protection | Safety Approvals |
|--------------|--------------|--------------------|-------|----|--------------|------------------------|---|---------------|---------------|--|---|
| | | Cabinet Dimensions | | | | | | Input | Output | | |
| SEMIC | 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 |
| | 75 | 17.5" | 22.5" | 8" | 45 | 2.55 | | 120 | 120 | | |
| | 100 | 17.5" | 22.5" | 8" | 48 | 3.4 | | or | or | | |
| | 125 | 17.5" | 22.5" | 8" | 48 | 4.25 | | 277 | 277 | | |
| | 200 | 17.5" | 22.5" | 8" | 54 | 6.8 | | | | | |
| | 300 | 17.5" | 22.5" | 8" | 66 | 10.2 | | | | | |

The *Eternalight 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 *Eternalight 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:

SEMIC - 150 - 120/120 - NOF/120/1

Description of example:

(150 Watt, 120 Voltage In, 120 Voltage Out, 1 Normally Off 120V Output Circuit)

| SEMIC | | | |
|--------|--------------|----------------------|--|
| FAMILY | POWER RATING | VOLTAGE ¹ | OPTIONS |
| | VA/W | Input/Output | |
| | 75 | 120/120 | ECM120 - 120V Environmental control module ² /qty |
| | 100 | 120/277 | ECM277 - 277V Environmental control module ² /qty |
| | 125 | 277/120 | NOF - Normally OFF output circuit/voltage / qty |
| | 200 | 277/120 | NOH - Normally OFF "Hold ON"/voltage/qty |
| | 300 | 277/277 | STUM - Onsite start-up |
| | | | EW - Extended warranty |

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.

Specifications subject to change without notice.

For more information and pricing contact:



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