



## Wall Mount **EMERGENCY LIGHTING INVERTER**

# Micro Power Wave

200, 300, or 490 Watts

The Micro-PW with true on-line technology is specially designed for smaller (200-490 Watts) emergency lighting applications where space is limited to provide power to incandescent, HID, LED, and fluorescent lamp.

This Micro-PW is available in 2 convenient mounting configurations for each individual installation requirements (Wall mountable or Floor/Seismic mountable).

Superior to other designs in the market the Micro-PW is self contained with both inverter electronics and Batteries in a single compact enclosure to provide, without interruption, the required 90 minutes power in case of an emergency.

### Key Features of the Micro-Power Wave:

- Pure Sine Wave Output preferred for LED Lighting Loads
- Compact 24"W x 17"H x 9.5"D space-saving enclosure with front access
- Double Conversion, "no break" online system for all applications and lamp types
- Bright function indicators for rapid identification of system status
- Enhanced protection utilizing latest optional TVSS technology
- It offers RS-232 and USB communication port with monitoring software (Optional)
- SNMP/Web card (Optional) power management allows direct monitoring in SNMP based networks for monitoring of the Unit through web browser interface



**Single Phase  
120 or 277 Volt  
Small Size  
Front Access**

**Compatible with  
Incandescent,  
Fluorescent, LED, HID  
Listed to UL924 by ETL**



Applications for Emergency Lighting:

Corridors, Hospitals, Government, Public Building, Schools, Cruise & Cargo Ship, Banking & Library

# Micro-Power Wave Specifications

**Sizes:** 200, 300, and 490 Watts

**Input Voltage:** 120 or 277 Volt  $\pm 10\%$  On-Line zero Transfer time

**Output Voltage:** 120 or 277 Volt

**Output Frequency:** 50 or 60 Hz.  $\pm 5\%$  (battery mode)

**Output Voltage Regulation:**  $\pm 4\%$  for all loads and for Battery Discharge mode

**Output Wave Form:** Sine Wave, THD < 3% at linear load

**Output Protection:** Current limiting and short circuit protection

**Battery:** Maintenance free sealed lead acid

**Recharge Time:** Conforms to UL924 Standard

**Safety Agencies:** UL924, NFPA101, NFPA70, NEC, and OSHA

**Indicator:**

**LCD:** UPS Status

**LED:** Green: UPS ON, Output available, Orange: Battery mode, Bypass mode, Red: Fault

**Audible Alarms:** Battery Mode, Overload, Fault

**Environmental:**

Humidity: 0 - 95% non-condensation

Operating Temp.: UPS: 0°C to +40°C. (32°F to 104°F)

BATTERY: 20°C to 25°C. (68°F to 77°F)

**Physical Dimension:** 24" Wide x 17" High x 9.5" Deep



## STANDARD FEATURES

- Low Profile Compact Cabinet (24" x 17" x 9.5")
- Single Phase, Full Range Voltage Regulation
- LCD Display for easy viewing UPS status
- 5 LED Lights: UPS On, Output Avail, Batt Mode, Bypass Mode, Fault
- Audible Alarms
- Main Input/Output Breaker
- Battery Breaker
- Double Conversion, "no break" online system for all applications
- Wall Mount Brackets

TOTAL WATTS	Model Numbers	Total Weights	INPUT	OUTPUT	*BTUs/HR
200	WM.20A01OP	132 lbs	120V	120V	216
	WM.20R01OP	136 lbs	277V	120V	233
	WM.20R25OP	139 lbs	277V	277V	233
	WM.20A25OP	136 lbs	120V	277V	233
300	WM.30A01OP	132 lbs	120V	120V	305
	WM.30R01OP	136 lbs	277V	120V	353
	WM.30R25OP	139 lbs	277V	277V	353
	WM.30A25OP	136 lbs	120V	277V	353
490	WM.49A01OP	244 lbs	120V	120V	499
	WM.49R01OP	248 lbs	277V	120V	543
	WM.49R25OP	251 lbs	277V	277V	543
	WM.49A25OP	248 lbs	120V	277V	543

\* BTU/HR are approximate number with tolerance  $\pm 15\%$  for all models

## Ordering Guide

System	Power (Watts)	Input Voltage	Output Voltage
WM	.20 = 200 Watts	A = 120 Volts	01 = 120 Volts
	.30 = 300 Watts	R = 277 Volts	25 = 277 Volts
	.49 = 490 Watts		

**WM.20A01OP - TVSA - 2BRK - FLR**

Model Number

TVSS Option

Output Breaker Option

Mounting Option

Model Number + TVSS + 2 Output Circuit Breaker + Floor Mounting

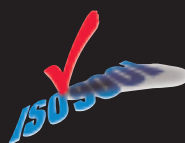
## Options

TVSS (120V Input) = TVSA  
 TVSS (277V Input) = TVSR  
 Output Breakers (1) 10 amp = 1BRK  
 Output Breakers (2) 10 amp = 2BRK  
 Output Breakers (3) 10 amp = 3BRK  
 Normally Off Output Circuit Breakers  
 SNMP = SNMP  
 RS 232 = 232  
 Floor Mount = FLR  
 Remote Status = RST

Specifications are subject to change without prior notification.

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