

Mini Power Wave

Single Phase, 500 to 2700 Watts

COMPACT EMERGENCY LIGHTING INVERTER

Mini Power Wave is the ideal emergency lighting solution, designed to provide quality AC power to all lightings. Mini Power Wave is self-contained with both inverter and batteries in a single cabinet with smallest footprint.



OnLine Power

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STANDARD FEATURES

- 🔮 90 Minute Back up at Full Load
- 🗸 Listed to UL924 and UL1778 Standards
- Compatible with Self-Ballast Fluorescent, Incandescent, Halogen, Quartz Re-strike, HID, HPS and LED
- True Online, Double Conversion, Technology with <u>Zero Transfer Time</u>
- High Frequency Pulse Width Modulation (PWM) for Pure Sine Wave Output

- 🤣 Small Footprint with Front Access
- LED Indicator w/ LCD Display for Local Diagnostics
- 🤣 Audible Alarm Indicators
- Main Input, Main Output and Battery Breakers
- 🤣 Input Voltage Regulation & Conditioning
- Self-Testing/Battery Exerciser and Event Logger

OPTIONAL FEATURES

- Communication (select one):
 - SNMP/Web Card
 - RS-232
 - Dry Contact
 - USB Communication Port w/ Monitoring Software
- Input TVSS
- Normally ON or Normally OFF Auxiliary Output Circuit Breakers (Up to 12) w/ Time Delay
- Floor Mount Brackets
- High Stand Brackets (Stackable)
- Thermal Runaway Control
- Internal Maintenance Bypass Switch



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SPECIFICATIONS

Mini Power Wave

Single Phase 500 to 2700 Watts

INPUT

AC Voltage: 120V +10% or 277V Frequency: 50 or 60 Hz, +/- 4Hz OUTPUT

AC Voltage (on battery): 120V or 277V AC Voltage: 120V ±2% or 277V

Frequency (on battery): 60Hz ±0.5Hz Voltage Regulation: ±4% For all loads and for battery discharge mode.

Wave Form: Sine Wave Harmonic Distortion: < 3% of THD at linear load

PROTECTION

Overload: 125% for 1 min and 150% for 10 sec **Short Circuit:** Circuit breakers

BATTERY

Battery: 90 minute UL924 sealed, maintenance free lead acid battery.

Recharge Time: Conforms to UL standards

ENVIRONMENT

Operating Temperatures: (Conditioned Space) 68° to 86°F (20° to 30°C) Per UL924 **Battery:** 20° to 30°C (68° - 86°F) **Storage/Transport:** to 40,000 ft. (12,192 m). **Relative Humidity:** 0% - 95% (non-condensation) **Altitude:** Operating: Up to 10,000 ft.

SAFETY STANDARDS

UL924, UL1778, NFPA101, NFPA70, NEC, and OSHA

Cabinet Dimension 2.5"W x 34.25"H x 18.25" (Inches) Width x Height x Depth The formation of the second of the

34"W

Model Numbers

Watts	Model	Input/Output	BTU/HR*	Weight
500	MW.50A0100N1 MW.50R0100T1 MW.50A2500T1 MW.50R2500T1	120/120 277/120 120/277 277/277	478 550 550 550	275 LBs " "
750	MW.75A0100N1 MW.75R0100T1 MW.75A2500T1 MW.75R2500T1	120/120 277/120 120/277 277/277	492 575 575 575	370 LBs " "
1000	MW1.0A0100N1 MW1.0R0100T1 MW1.0A2500T1 MW1.0R2500T1	120/120 277/120 120/277 277/277	615 675 675 675	370 LBs " "
1250	MW1.2A0100N1 MW1.2R0100T1 MW1.2A2500T1 MW1.2R2500T1	120/120 277/120 120/277 277/277	780 890 890 890	460 LBs " "
1500	MW1.5A0100N1 MW1.5R0100T1 MW1.5A2500T1 MW1.5R2500T1	120/120 277/120 120/277 277/277	925 1100 1100 1100	510 LBs " "
2100	MW2.1A0100N1 MW2.1R0100T1 MW2.1A2500T1 MW2.1R2500T1	120/120 277/120 120/277 277/277	1175 1525 1525 1525	570 LBs " "
2500	MW2.5A0100N1 MW2.5R0100T1 MW2.5A2500T1 MW2.5R2500T1	120/120 277/120 120/277 277/277	1351 1813 1813 1813	720 LBs " "
2700	MW2.7A0100N1 MW2.7R0100T1 MW2.7A2500T1 MW2.7R2500T1	120/120 277/120 120/277 277/277	1392 2103 2103 2103	730 LBs " "



Standard warranty is eighteen (18) months from ship date or twelve 12 months from start up, whichever occurs first.







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ORDERING GUIDE

PROJECT NAME :

DATE :

REP / DISTRIBUTOR :

ELECTRICAL DESIGNER / ENGINEER :

ORDER NUMBER DOES NOT REFLECT MODEL NUMBER. PLEASE CONSULT FACTORY.

Mini Power Wave

Example: MW-.50-A2500-S90-TVSS-LCR20A(3)-T1



