


Fixture Type:	
Model Number:	
Project:	

EW SERIES SINE WAVE INVERTER SYSTEMS




ORDERING GUIDE

EW 400	-277/277	-TD																													
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GENERAL:

The EW inverter system is a stand alone products designed to provide 120 or 277 volts 60 Hz line voltage to lighting and other critical loads in the event of a power failure or brownout situation. The sine wave output makes the EW Series an ideal candidate for most of today's non linear light sources including incandescent, fluorescent, LED and Induction lamps.

FEATURES

- Pure sine wave output - 60 Hz
- Compatible with all lighting sources, except HID
- Wide range of capacities to choose from
- Operates loads of .9 leading to .9 lagging power factor
- 50 ms transfer time
- Inverter on/off switch
- 120 volts, 60Hz output standard - 277 volts optional
- Emergency lights can be always on, on only during a power failure, or switched - All 3 modes are standard and field selectable
- High Inverter efficiency 88-94%
- Compact, easy wall mounting cabinet
- Sealed long life valve regulated lead acid (VRLA) batteries
- 90 minute run time
- Operating temperature 68°F to 86°F (20°C to 30°C)
- Push button test switch
- Low voltage disconnect circuit
- LED indicators for AC On and High Charge
- Bright white finish is standard - Other colors available.
- MADE IN THE USA

DIAGNOSTICS:

An internal bi-color LED can display a Low or High DC voltage, an Overload condition, or a High Temperature shutdown.

SPECIFICATIONS:

INPUT:

- Voltage: 120 volt 60 Hz AC standard, 277 volt is optional.
- Input voltage variation: ±10%

OUTPUT:

- Up to 600 Watts at Unity Power Factor, 120 or 277 volts 60 Hz
- Other voltages and frequencies available
- THD < 3%
- Output voltage regulation on emergency: ± 5%
- Minimum load requirement - 0%

OTHER:

- Battery over and under voltage protection
- Overload and short circuit protection
- Reverse polarity protection
- Over temperature protection.
- Battery run time: Minimum of 90 minutes
- Other run times are available on request
- Battery recharge time: per UL 924

DIMENSIONS:

- EW100 - 14"L x 9½"H x 7¼"D
- EW200 thru EW400 - 18"L x 15"H x 8"D
- EW600 - 23¼"L x 15"H x 8¼"D

AGENCY APPROVALS

ETL Listed to UL924.
Meets or exceeds the requirements of the National Electrical Code and NFPA Life Safety Code 101.
NYC approval number 41262.

WARRANTY

One year full warranty against component failure or manufacturing defects for the entire system, and an additional 4 year pro-rata warranty on the batteries. See Warranty Statement for full details.