



VIGILANT

Emergency Lighting Inverter System



Inverter Systems, Inc.

WWW.INVERTERSYSTEMSINC.COM

MINI EMERGENCY POWER SOURCE

100, 200, 300, 400 and 600

For LED and All Non-HID Lightings Loads



UL 924 Listed



50 ms
Transfer Time



NFPA 101
Life Safety
Code



Buy American
Act Compliant



The Vigilant inverter system is a stand alone product 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 Vigilant Series an ideal candidate for most of today's non linear light sources including incandescent, fluorescent, LED and Induction lamps.

STANDARD FEATURES

- Pure sine wave output ± 60 Hz
- Compatible with all lighting sources, except HID
- Wide range of capacities to choose from
- Operates loads of 0.9 leading to 0.9 lagging power factor
- 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%
- Sealed long life valve regulated lead acid (VRLA) batteries
- 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

AGENCY APPROVALS

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

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.

SPECIFICATIONS

• **Input:** 120 or 277 Volts AC $\pm 10\%$, 60 Hz

• **Output:** 120 or 277 Volts AC $\pm 5\%$, 60 Hz

Distortion Less than 3% THD

Minimum load requirement 0%

Other voltages and frequencies available

• **Dimension:**

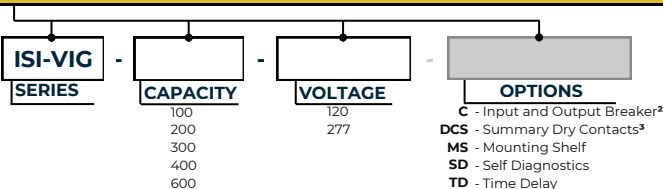
VIG-100 - 14"L x 9½"H x 7¼"D

VIG-200, VIG-300, VIG-400 - 18"L x 15"H x 8"D

VIG-600 - 23¼"L x 15"H x 8¼"D

ORDERING GUIDE

EXAMPLE MODEL # ISI-VIG-200-120-MS



= Required feature for part number.

= Optional feature. Not required for part number.

Note:

1. Other voltages available

2. Not available in 100W/VA unit. Can be 1 input and 1 output or 2 output breakers.

3. Not available in 100, 200, 300 W/VA units.