

IIS-375-I



375 WATT
EMERGENCY POWER
FOR
FLUORESCENT
AND
INCANDESCENT
LOADS

OPERATES:



FLUORESCENT



INCANDESCENT

The IOTA **IIS-375-I** is a UL Listed stand-alone sine wave output inverter designed to provide power to designated emergency lighting fixtures. In a power loss situation, the IOTA **IIS-375-I** will supply **375W** of power from the onboard battery supply. The IOTA **IIS-375-I** works in conjunction with incandescent and fluorescent lamp and fixture types and will automatically run switched, normally-on, or normally-off designated emergency fixtures. The **IIS-375-I** features a surface mount housing and comes with a three-year warranty and seven-year pro-rata battery warranty.

TECHNICAL SPECIFICATIONS

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|--|----------------------------------|
| Input Voltage | (Dual) 120/277V, 60Hz |
| Input Rating (bulk) | 500 Watts |
| Output Voltage | (Dual) 120/277V, 60Hz |
| Output Power | 375 Watts |
| | at .9 leading to .9 lagging PF |
| Lamps Operated | Fluorescent, Incandescent |
| Transfer Time | less than 50 milliseconds |
| Emergency Operation | 90 minutes |
| Voltage Regulation (emergency) | +/- 2% @ 15% to 110% load |
| Frequency Regulation (emergency) | +/- .5% |
| Load Power Factor Range | .9 leading to .9 lagging |
| Operating Temp | 20° to 30° C |
| Battery | Valve Regulated Lead Acid (VRLA) |
| Weight | 114 lbs. |
| Approval | UL 924 Listed |

FEATURES

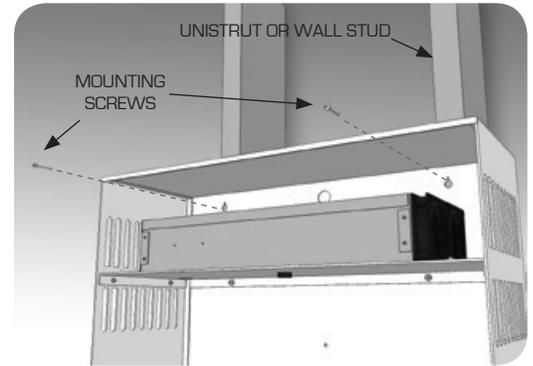
- Emergency lighting supplied from one convenient source
- Pure sine wave output
- Operates incandescent and fluorescent fixtures including fixtures with dimmable fluorescent ballasts
- Includes momentary contact test switch, yellow ready indicator, green inverter-on indicator, and red charging indicator
- Dual voltage 120/277 60Hz
- High efficiency pure sine wave inverter
- Variable-rate, temperature-compensated charger
- Valve Regulated Lead Acid (VRLA) battery provides long-life and is maintenance free
- Line voltage allows for remote mounting of emergency fixtures at distances up to 1000 feet
- Resettable output circuit breaker provides protection against circuit overload
- Low Battery Voltage Disconnect
- Line Latch Protection
- Allows for operation of switched fixtures
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- Durable 16 gauge steel housing design with white semi-gloss powder-coat paint finish
- 3/7 Pro-Rata Warranty



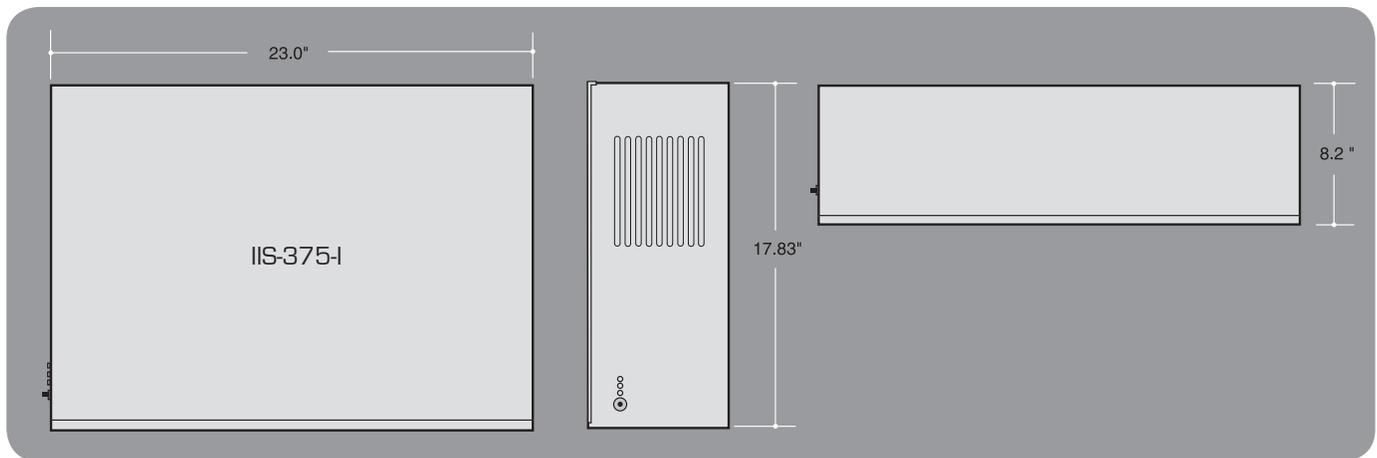
ORDERING GUIDE

IIS-375-I

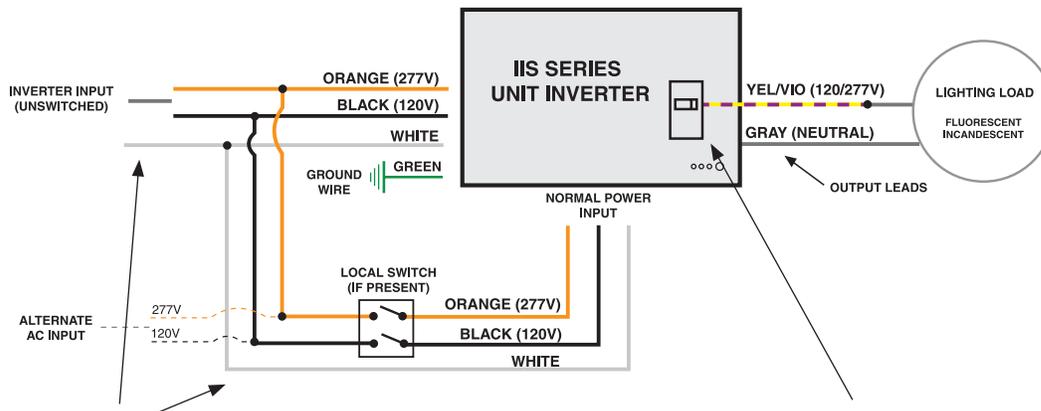
Surface Mount design for surface or shelf mounting. Keyhole slots at the back of the unit are spaced for secure mounting to the wall's unistrut or studs. After AC supply and fixture leads are routed to the wall location, the IIS-375-I is secured to the wall unistrut or studs. Dual knockouts are present on the sides of the unit for separate input and output conduits external to the wall if needed. An additional hole is provided to prevent inadvertent lifting of the unit from the keyholes. Always consult local codes for structural requirements when mounting the unit.



DIMENSIONS



WIRING



INPUT LEADS

The IIS Inverter utilizes two sets of input leads: one to provide unswitched power to the inverter system and a second to serve as a normal power input to the lighting load. Any switch for the designated emergency circuit will be present on the Normal Power Input leads. For Emergency Operation Only applications, the Normal Input leads are not needed and would remain disconnected and capped.

INTERNAL CIRCUIT BREAKER

The internal circuit breaker protects the inverter from overload on the output side of the unit. Internally, the appropriate voltage lead is selected for connection to the line side of the circuit breaker and the designated emergency load connects to the single Yellow/Violet 120/277V hot lead.