



# IISCN SERIES

Emergency Inverter Systems for Canada



The IISCN Series brings powerful emergency lighting solutions to specific Canada egress applications

IOTA® Inverter Systems are known for delivering confident emergency power to designated emergency circuits, allowing both indoor and outdoor fixtures to operate at full brightness during a loss of normal power. Now, with the introduction of the IOTA IISCN Series, existing Canada lighting applications can easily be used for both normal illumination as well as meeting unique Canadian egress lighting requirements.

## Combining The Advantages of IOTA Inverter Design with Tailored Performance Capability...

Canada emergency lighting requirements dictate certain runtimes based on application, as well as the use of monthly and annual self-diagnostics to help ensure proper performance. In addition to meeting these requirements, the IISCN Series offers designs to accommodate Canada electrical voltages and are certified to Canadian UL emergency lighting standards.



### Full Light Output

Operates designated emergency fixtures at full brightness for optimal path of egress safety.

### 30-min / 60-min / 120-min Runtime

IISCN models offer options with three different runtimes to match your application requirements.

### Monthly and Annual Self-Diagnostics

Automatically conducts monthly and annual tests to assess operational readiness and logs test data for reference as needed.

### 120/208, 277/480 and 347/600 VAC Models

Designs available to accommodate 120VAC thru 600VAC input and output requirements

### Single-Phase and Three-Phase

Single-phase models (IISCN) rated for 175 to 1100 VA loads and three-phase models (IISCN3P) rated for 4.8kVA to 50kVA

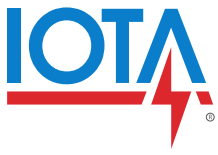
### Remote Operation

Remote operation capability allows emergency power to be delivered to fixtures in outdoor, harsh, or hazardous locations.

### Listed for Canada

The IISCN Series is cUL Listed to C22 No. 141 for exclusive use in Canada





Available IISCN and IISCN3P Models

| Model         | Load Size(s) | Voltage(s)                         | Type         |
|---------------|--------------|------------------------------------|--------------|
| IISCN 175     | 175VA        | 120/208VAC                         | Single-Phase |
| IISCN 350     | 350VA        | 120/208VAC                         | Single-Phase |
| IISCN 550     | 550VA        | 120/208VAC                         | Single-Phase |
| IISCN 750     | 750VA        | 120/208VAC                         | Single-Phase |
| IISCN 1100    | 1100VA       | 120/208VAC                         | Single-Phase |
| IISCN3P 4800  | 4.8kV        | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 6000  | 6.0kVA       | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 10000 | 10.0kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 12500 | 12.5kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 16700 | 16.7kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 24000 | 24.0kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 33000 | 33.0kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 40000 | 40.0kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |
| IISCN3P 50000 | 50.0kVA      | 120/208VAC, 277/480VAC, 347/600VAC | Three-Phase  |

Additional Product Features

- PWM/MOSFET inverter design delivers pure sine wave output
- Micro-processor controlled, three-stage charger
- Valve Regulated Lead Acid (VRLA) batteries provide long life and are maintenance-free
- Low Battery Voltage Disconnect protects batteries against deep discharge
- Operates Normally On, Normally Off, and Switched fixtures
- Line voltage allows for remote mounting of emergency fixtures at distances of 1000+ feet
- Durable steel compact cabinet design with white finish
- Covered by IOTA's standard Warranty on all electronic components and pro-rated Warranty on batteries.

Optional Features

Each IISCN and IISCN3P Inverter Model offers a selection of optional features such as:

- Fast Charge
- Dimming Relays
- Remote Test Accessories
- NEMA 2 Drip Tops
- Mounting Options
- Factory Start Up
- ...and More!

Options will vary based on model. Refer to individual specification sheets for a complete list of options per model.

For more information on IOTA IISCN and IISCN3P Inverter Systems for Canada, visit [www.iotaengineering.com](http://www.iotaengineering.com)