

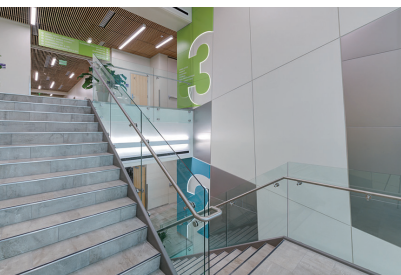
## IIS Series

### Central Inverter Systems

Emergency Inverter Solutions  
to meet your egress lighting demands...



Life | Safety



Indoors or outdoors, IOTA IIS Central Inverters deliver the emergency egress performance your facility demands...

### ANY FIXTURES

IOTA Central IIS Inverter Systems provide the capabilities you need to run any fixture in your facility during an emergency. Full light output keeps high bay and stairwell fixtures bright, fast transfer speeds maintain performance of any lamp technology, and outdoor fixtures illuminate to protect your critical exterior paths of egress.

### ANY PLACE

Our IIS Inverter Systems offer a varied selection of design features and options to meet facility requirements. With capacity sizes ranging from 1 to 50 kVA, IIS inverters can deliver emergency performance to facilities small, large or anything in between. Compact and Modular enclosures help accommodate physical space constraints, and outdoor and seismic designs are engineered to withstand harsh install conditions.

### ANY TIME

IIS Inverter Systems stand ready to deliver your emergency lighting needs. Onboard self-diagnostics are standard on all IOTA central inverter systems for emergency preparedness, with testing and system data logged for reference. All IOTA units deliver the code-required 90 minutes of emergency power with optional system upgrades for increased runtimes to match your application goals.

## IIS Single Phase Inverters / 1.5kVA to 16.7kVA



Central **IIS Single Phase** inverters offer a wide range of capacity options that service almost any voltage requirement. Choose between fast transfer (2ms) or standard transfer depending on your load preferences. Central single-phase systems enclose the electronics and batteries in a single steel cabinet design sized either 30 x 47 x 25 inches or 48 x 76 x 25 inches depending on model. Refer to the specification sheet for complete voltage, runtime, and optional features.

#### Available Capacities:



Input Options: 120 / 208 / 240 / 277 / 347 VAC

Output Options: 120 / 208 / 240 / 277 / 347 VAC

Refer to specification sheet for complete input/output voltage combinations and available options.

## IIS3P Three-Phase Inverters / 4.8kVA to 50.0kVA



**IIS3P Three-Phase** Inverters offer extra muscle with 3-phase output to service larger capacity requirements. The IIS3P Series features a fast transfer speed (2ms) with electronics and batteries enclosed in a single steel cabinet design. Cabinet sizes are 30 x 47 x 25 inches (4.8kVA to 16.7kVA) or 44 x 72 x 31 inches (24kVA to 50kVA.) Refer to the specification sheet for complete voltage, runtime, and optional features.

#### Available Capacities:



Input Options: 120 / 208 / 277 / 480 VAC

Output Options: 120 / 208 / 277 / 480 VAC

Refer to specification sheet for complete input/output voltage combinations and available options.



## IISC Compact Design Single Phase Inverters / 1.0kVA to 2.8kVA

The **IISC Series** delivers up to 2.8kVA with a minimal 10.5 x 24.25 footprint with only the height varying depending on the desired capacity. The IISC offers fast transfer speed (2ms), additional features, and options that allow for enhanced performance beyond its space-saving IISM modular counterpart.

### Available Capacities:

1.0  
kVA

1.6  
kVA

2.2  
kVA

2.8  
kVA

Input Options: 120 / 208 / 240 / 277 VAC

Output Options: 120 / 208 / 240 / 277 VAC

Refer to specification sheet for complete input/output voltage combinations and available options.



## IIS 1100 Single Phase Inverter / 1.1kVA



The **IIS 1100** allows facilities with limited space and lower capacity requirements to utilize a single size standard transfer speed inverter solution while taking advantage of valuable features and options such as self-diagnostics, output circuit breaker selection, dimming relays, and more.

1.1  
kVA

Input: Dual Voltage 120/277 VAC

Output: Dual Voltage 120/277 VAC

Refer to specification sheet for complete input/output voltage combinations and available options.



## IIS EXT Outdoor Inverters, Single or Three Phase / 1.5kVA to 16.7kVA



**IIS EXT** and **IIS3P EXT** Series are outdoor-rated inverters available in both Single Phase or Three Phase systems. These IIS units feature a locking steel, NEMA 3R rated cabinet for ingress protection against moisture and debris, Fast Transfer speed (2ms), and other features and options to match your outdoor installation requirements.

### Available Capacities:

1.75  
kVA

3.0  
kVA

4.0  
kVA

5.0  
kVA

6.5  
kVA

8.0  
kVA

Single Phase

Inputs: 120 / 208 / 240 / 277 VAC

Outputs: 120 / 277 VAC

4.0  
kVA

5.0  
kVA

6.5  
kVA

8.0  
kVA

10.0  
kVA

Three Phase

Inputs: 120/208 or 277/480

Outputs: 120/208 or 277/480

Refer to specification sheet for complete input/output voltage combinations and available options.

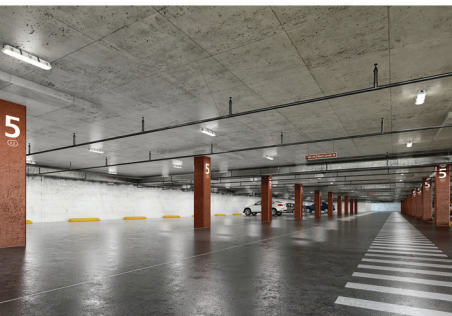


## “SZ” for Seismic Applications / 1.5kVA to 16.7kVA



“SZ” Inverters are designed and built to meet Seismic Zone 4 (the highest seismic zone rating) conditions and undergo thorough withstand testing to meet OSHPD certification requirements. If OSHPD certification is not needed, many IIS models offer Seismic Mounting options for increased durability and safety in seismic zone installations. Both IIS SZ (Single Phase) and IIS3P SZ (Three Phase) models are available. Refer to the IIS Single Phase and IIS3P Three Phase models for available capacity options. For availability on “SZM” Seismic Mounting on non-SZ models, refer to the product specifications for complete details.





## Confident emergency solutions supported by your knowledgeable and dedicated IOTA Team!

IOTA's IIS Central Inverter Systems are engineered and manufactured to meet your unique application demands. Our experienced Sales and Customer Support teams are available to assist with project spec reviews, product selection, quoting and technical support. Call IOTA at **1-800-866-4682** or visit us on-line at **[www.iotaengineering.com](http://www.iotaengineering.com)**!

### Additional Product Features

- **UL 924 Listed**
- **Exceptional 97% power efficiency**
- **Provides full light output in the emergency mode**
- **Conducts required monthly and annual tests for operational readiness and logs test, event, and alarm data**
- **Valve Regulated Lead Acid (VRLA) batteries provide long life and are maintenance free, with extended-life battery options**
- **Low Battery Voltage Disconnect protects batteries against deep discharge**
- **Includes Input Circuit Breaker and Battery Protection**
- **Wide selection of Output Circuit Breaker options**
- **User Programmable / Password Protected Interface**
- **Durable steel cabinet design with white finish**
- **Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements.**
- **Covered by IOTA's standard 1-Year Warranty on electronic components and pro-rated warranty on batteries.**
- **Factory Startup and Training available**

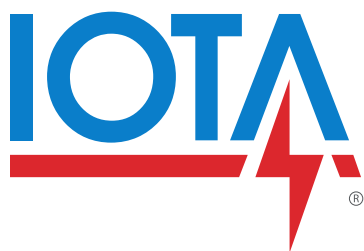


UL 924 Listed to meet emergency lighting requirements



Assembled in the USA and meets the Buy America(n) government procurement requirements

Find complete product details at  
<https://www.iotaengineering.com/resources/iota-emergency-inverter-solutions>



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