

# INVERTER.CONNECT

SECURE CLOUD CONNECTIVITY SOLUTION  
FOR EMERGENCY LIGHTING INVERTERS



## BENEFITS

### Enhances Building Safety

- Proactively monitors & notifies users of critical issues that could affect building safety.
- Proactive maintenance solidifies confidence that backup power will activate during an emergency.

### Saves Time

- User-friendly design makes it easy to find the most crucial information quickly.
- The easy-to-use dashboard enables a status check of a fleet of inverters from anywhere.

## FEATURES

### Connectivity

- An 'Overview' dashboard summarizes the health of your fleet of inverters
- Receive status and alarm notifications by SMS and/or email
- See the results of your inverters' periodic self-tests
- View detailed real-time inverter telemetry
- Web-based user interface (works on any device with a modern web browser; adapts to screen size)

### Security

- Encrypted MQTT between inverters and cloud (TLS 1.2 with AES-256 strong encryption, Provensec Certified)
- No inbound connections are accepted by inverters on any port, preventing malicious alterations to your data
- Standard port usage works seamlessly with corporate firewalls (mobile Internet may also be used)
- HTTPS (HTTP Secure; encrypted) is exclusively used between user device and cloud (supports up to TLS 1.3)
- Passed third-party vulnerability assessment and penetration testing

### One-Click Reporting to Demonstrate Compliance

Download or email a PDF file (or spreadsheet file) with a single click, summarizing the alarm states (if any), and periodic battery self-test results of your fleet of inverters.

# EMERGENCY POWER YOU CAN TRUST

For more than 60 years, Myers Emergency & Power Systems has designed, manufactured, and advanced superior backup power solutions. Industry leaders across the emergency lighting, rail & transit, cable network, and traffic markets turn to us when application failure is an unacceptable risk.

Driven by an unwavering pursuit of perfected performance and reliability, we offer a wide array of inverter products that deliver worry-free dependability, UL924 & UL1008 emergency power controls, and innovative new BESS (battery energy storage system) solutions.

With a focus on innovation and excellence, we continue to deliver best-in-class backup power solutions that can automatically take care of monthly & annual testing requirements, making sure our systems are always at the ready for critical applications like emergency lighting, storm shelters, ventilation systems, elevators, and other life safety systems.



[www.myerseps.com](http://www.myerseps.com)

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# MYERS

EMERGENCY & POWER SYSTEMS



## INVERTER SOLUTIONS

Up to 20 Year Warranty

Emergency Lighting

Ventilation Systems

Fire Suppression Systems

Access Systems (Gates/Doors)

Storm Shelters

Elevators

Sprinkler Systems

Stairwell Pressurization

Smoke Control



UL 924 Listed  
Self-Testing  
Self-Diagnostic



Build America  
Buy America  
Act Compliant



Buy  
American Act  
Compliant



Trade  
Agreements  
Act Compliant

[www.myerseps.com](http://www.myerseps.com)

# INVERTER SOLUTIONS QUICK GUIDE

Other motor loads available.  
Contact factory for more information.

## ILLUMINATOR LVU

Available Sizes:

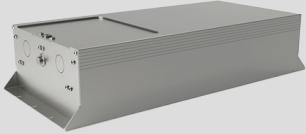
- 25 VA
- 50 VA



## ILLUMINATOR LVM

Available Sizes:

- 125 VA
- 250 VA



## ILLUMINATOR LV

Available Sizes:

- 175 VA
- 350 VA
- 550 VA
- 750 VA
- 1.1 kVA



## ILLUMINATOR EM

Available Sizes:

- 1 kVA
- 1.6 kVA
- 2.2 kVA
- 2.8 kVA



Micro & Mini Inverters  
(25 VA - 2.8 kVA)



## ILLUMINATOR E/IE

Available Sizes

- 1.5 kVA • 6 kVA
- 2.25 kVA • 8 kVA
- 3 kVA • 10 kVA
- 3.75 kVA • 12.5 kVA
- 5 kVA • 16.7 kVA



## ILLUMINATOR SUPERNOVA

Available Sizes:

- 1.75 kVA • 7.5 kVA
- 2.5 kVA • 10 kVA
- 3.75 kVA • 12.5 kVA
- 5 kVA • 16.7 kVA
- 6.25 kVA



## ILLUMINATOR CIII

Available Sizes:

- 4.8 kVA • 16.7 kVA
- 6 kVA • 24 kVA
- 8 kVA • 33 kVA
- 10 kVA • 40 kVA
- 12.5 kVA • 50 kVA

## ILLUMINATOR HYPERNOVA

Available Sizes:

- 5 kVA • 25 kVA
- 7.5 kVA • 33.2 kVA
- 10 kVA • 37.5 kVA
- 12.5 kVA • 50 kVA
- 16.7 kVA • 60 kVA



Single Phase Inverters  
(1.5 kVA - 16.7 kVA)

Three Phase Inverters  
(4.8 kVA - 60 kVA)

# MARKETS

## DATA CENTERS

Data centers and technology buildings adhere to strict security and operational standards, requiring reliable infrastructure for critical systems. Our inverters provide backup power not only for emergency lighting but also for ventilation, fire suppression, and access control systems, ensuring seamless functionality in facilities with minimal on-site manpower.



## EDUCATION

Our inverters support a range of emergency systems that can be used for schools, safe rooms, and FEMA shelters, including lighting, ventilation, and smoke control. These systems illuminate paths of egress and maintain critical operations during power disruptions.

## MULTIFAMILY HOUSING

To ensure the path of egress remains illuminated for a minimum of 90 minutes during utility power outages, our inverters specifically support emergency lighting systems as mandated by NFPA. Additionally, they power essential systems like elevators, stairwell pressurization, and sprinkler systems, maintaining operational integrity for residents' safety while complying with IBC requirements.

## DISTRIBUTION CENTERS, MANUFACTURING & WAREHOUSES

Ideal for high bays, our inverters power emergency lighting, smoke control systems, and critical facility infrastructure. With centralized self-testing and diagnostics, our inverters ensure compliance with required codes without the need for manual inspections or equipment disruption.



### SMALLER FOOTPRINTS

Industry-leading, compact footprints and modular battery cabinet design.



### STRONGER SYSTEMS

Designed with efficiency in mind to provide increased power densities.



### SMARTER AUTOMATIONS

Advanced connectivity options for every application.