



Seismic Rated Inverters

Illuminator LV-H, E-H/IE-H & Illuminator CIII-H

175VA/W to 750VA/W Single Phase | 1.5kVA/kW to 16.7kVA/kW Single Phase | 4.8kVA to 50kVA/kW Three Phase
65kAIC Rated | Shaker Table Tested to SDS Level 2.5 | Listed to CBC2010, IBC2009, AC156 | 98% Efficient

THE ILLUMINATOR -H SEISMIC SERIES

Compare and Save

The Illuminator Series LV-H, IE-H, E-H and CIII-H are the latest innovation in Emergency Lighting Inverter technology. The Illuminator -H series is Myers EPS' shaker table tested and approved expansion to the industry leading Central Emergency Lighting inverters.

These systems meet the requirements of CBC 2010 and IBC 2009 and have been shaker table tested in accordance with ICC-ES-AC-156 procedures to an SDS level of 2.5g. In addition, they have received OSHPD (California Office of Statewide Health Planning and Development) Special Seismic Certification. This is the most rigid seismic standards currently being specified.

SEISMIC SYSTEMS LV-H, IE-H, E-H & CIII-H



Illuminator LV-H

The Illuminator Series LV-H is a 175VA-750VA fast transfer Emergency Lighting Inverter utilizing Myers Emergency Power Systems' advanced technology. Designed to support the needs of smaller facilities, the Illuminator LV-H meets all requirements of UL-924 including self-testing. In addition, the optional meter panel feature of this system allows end users to meet the advanced testing & logging requirements as defined by NFPA101.

Illuminator IE-H

The Illuminator Series IE-H single phase standard transfer system features sizes from 1.5-16.7 kVA/kW. It is designed to support all lighting loads except HID. This includes LED, fluorescent, incandescent and quartz fixtures. This system comes standard with normally on and normally off (emergency only) outputs.



Illuminator E-H

The Illuminator Series E-H single phase uninterruptible system features sizes from 1.5-16.7 kVA/kW. This fast transfer system is designed to support all types of fixtures in emergency applications including, but not limited to, HID, LED, and fluorescent. In addition this system can support mixed loads of all different types. The line interactive design eliminates excessive transfers to battery power. The Illuminator Series E-H transfers to inverter mode (battery power) within 2ms of loss of utility power in order to maintain the arc of an HID light.

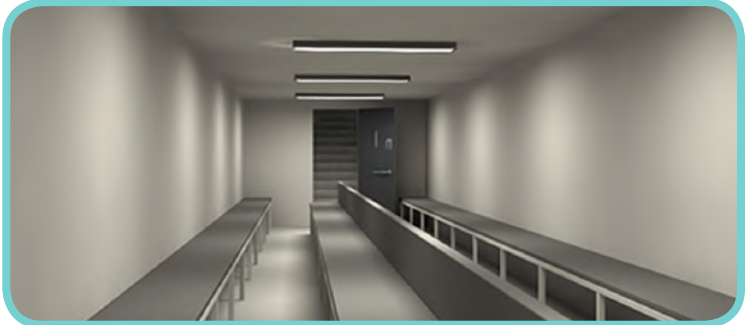
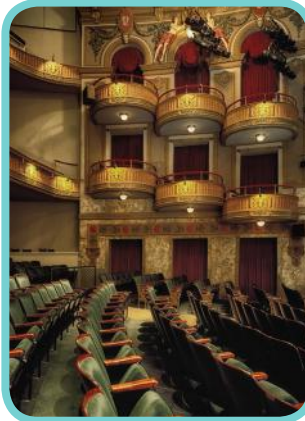
Illuminator CIII-H

The Illuminator Series CIII-H three phase uninterruptible system features sizes from 4.8 to 50 kVA/kW. As with Myers EPS' other uninterruptible systems, the CIII-H series is designed to support all lamp sources including HID and LED. Its large capacity is perfect for larger industrial and commercial applications. It can also help to provide load balancing within a facility with its wide range of sizes.



APPLICATIONS

- 911 Facilities
- Airports
- Apartment / Condominium Complexes
- Assisted Living Centers & Nursing Homes
- Banks & Financial Institutions
- Casinos
- Government Buildings & Data Centers
- Grocery Stores / Home Center Stores
- Hospitals
- Hotels / Motels
- Industrial & Commercial Spaces
- Medical & Other Office Buildings
- Military Complexes
- Theaters
- Parking Garages
- Prisons
- Race Tracks
- Transit Stations
- Religious Facilities
- Restaurants
- Retail Department Stores & Malls
- Schools, Colleges & Day Care Centers
- Sports Facilities
- Storm Shelters
- Toll Booths, Tunnels & Bridges
- Many More



STANDARD FEATURES

Illuminator LV-H

- UL 924 Listed
- 98% Efficient
- PWM/MOSFET Technology
- OSHPD Special Seismic Certification
- UL-924 self-testing and self-diagnostics
- True Sine Wave Output
- Compatible with all light sources including LED, HID, Fluorescent, Incandescent, Quartz and Electronic
- Field selectable voltage; 120V input/output or 277V input/output
- Maintenance free VRLA batteries
- System Status indicators and momentary test switch
- Input fuse and battery fuse protection
- Low Audible Noise 45dBA
- Summary Alarm Form C dry contacts
- Available outputs: normally on and normally off or switched output
- Alarms include monthly test fault, yearly test fault, charger fault, load reduction fault, output voltage low, output voltage high, overload fault, low voltage disconnect, heatsink over temp and input fuse failure

Illuminator E/IE-H

- UL 924 Listed
- 98% Efficient
- PWM/IGBT Technology
- OSHPD Special Seismic Certification No. OSP-0305-10
- Meets NFPA-101 for self-testing and self-diagnostics
- True Sine Wave Output
- Micro-processor Control
- User Programmable Front Meter Panel
- Automatic Self-test, Event and Alarm Logs
- High Crest Factor
- Input Main Circuit Breaker
- Low Audible Noise 45dBA
- Modular Design
- Load Reduction Fault
- Air Filters not required
- 65 kAIC rating

Illuminator CIII-H

- UL 924 Listed
- 98% Efficient
- PWM/IGBT Technology
- OSHPD Special Seismic Certification, No. OSP-0258-10
- Meets NFPA-101 for self-testing and self-diagnostics
- Compatible with all lighting loads including HID and LED
- True Sine Wave Output
- Micro-processor Control
- User programmable with Password Protection
- Automatic Self-test, Event and Alarm Logs
- High Crest Factor
- Input Circuit Breaker
- Modular Design
- Low audible noise 45dBA
- Internal Battery Circuit Breaker and/or Fuse
- 65kAIC Rating
- Load Reduction Fault
- Air Filters not required
- Internal Maintenance Bypass Switch
- **Optional Feature: Main 3-pole output circuit breaker**



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*Specifications and dimensions are subject to change without notice.
Please contact your local Myers EPS representative for the most up-to-date information and product application support.*

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