

Power Play: Simple Solutions for Effective Emergency Lighting

A Go-To Guide for your next Project

Click each product image to be directed to the product web page for complete specifications.

Mounting Option Key: ● Ceiling Mount ● Floor Mount ● Wall Mount ● Recessed Wall Mount

Small Inverters (20W-750W)
1-3 Rooms Max.



MPS by Isolite

- 20-50 watt micro-inverter
- Max 85% load wattage
- For powering incandescent, fluorescent, and LED fixtures
- True sinusoidal AC pulse width modulated (PWM) design provides clean 60Hz emergency output
- Universal 120/277 VAC, 60Hz input/output



E3 Inverter by Isolite

- 300/375/500/550 watts of pure sine wave output
- Max 85% load wattage
- Smart self-diagnostic circuit that retains and logs critical data
- Compatible with all lighting loads including LED and HID
- Unique output overload designed to withstand initial load inrush up to 400%



E3MINI Smart Mini Inverter by Isolite

- 125/250 watts of pure sine wave output
- 120/277V field selectable wattage
- Multi-purpose outputs
- Integrated dimming available - 0-10V and DALI



E3X High Wattage Inverter by Isolite

- 750 watts
- For powering incandescent, fluorescent, induction, and LED fixtures
- Universal 120/277VAC, 60Hz input/output

Medium Inverters (1.0kVA-18.0kVA)
Multiple Floors



E3MAC Series by Isolite

- Available in: Single Phase (1.0-12.5kVA range), Split Phase (2.2-12.5kVA range), Two Phase (2.2-12.5kVA range), & Three Phase (3.0-18.0kVA range)
- Max 85% load wattage
- Pure lead battery option for high-temperature applications



Wave Rider 1 by Crucial Power

- Single Phase 2.1-17kVA range
- Online or fast transfer (under 2 minutes)
- Listed to UL924 lighting and UL1778 UPS standards by CSA

Large Inverters (8.0kVA-50kVA)
Entire Building



E3MAX Modular Inverter System by Isolite

- Increased capacity, up to 33kVA
- Additional breaker flexibility, up to 36 output breakers
- Easier in-field wiring with the swing-front door and larger wiring enclosure



Wave Rider 3 by Crucial Power

- Three Phase (UPS or IPS)
- 208Y/120 or 480Y/277 VAC
- Online or fast transfer (under 2 minutes)

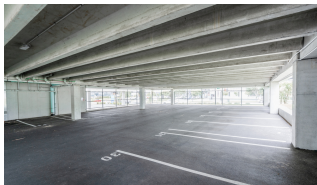
Extra Large Inverters (8.0kVA-400kVA)
Entire High-Rise Building



Wave Rider 4 Hybrid by Crucial Power

- Three Phase
- Hybrid fast transfer green mode - 98% efficiency (typical)
- Online continuous mode - 94% efficiency (typical)
- 208Y/120 or 480Y/277 VAC

Harsh Environments (2.1-17kVA)
Outdoor



Harsh Environment Unit (HEU) by Crucial Power

- Single Phase
- Online or fast transfer (under 2 minutes)
- 120, 208, 240, 277, 480 Volts
- Listed to UL924 lighting and UL1778 standards by CSA

Powerful Resources



Inverters Basics

- Charges battery bank from utility power.
- Monitors the state of the utility power.
- Discharges batteries to generate power in emergency.
- Transfers back to utility power when available.



Why Inverters

- Automated code compliance.
- High technology for management (alerting & reporting).
- More cost-effective than other solutions.
- Utilizes architectural fixtures.
- Cleaner ceilings - eliminate red test buttons.



Additional Features on Select Inverters

- Integrated dimming bypass.
- Seismic certified.
- OSHPD certified.
- Web monitoring and reporting.
- BMS integration.

Isolite Chalk Talk Webinar Series



Battery Pack vs. Inverter Payback Guide

