

APPLICATION GUIDE

Data Centers

Data centers require reliable, high-performance emergency lighting to ensure safe egress, continuous operation, and code compliance in critical, temperature-controlled environments.



DTH2 PHOTOLUMINESCENT/LED THIN DIE-CAST EXIT SIGN

Rugged, maintenance-free design with no wiring required; built for extreme cold and backed by a lifetime warranty.

FEATURES

- Eco-friendly photoluminescent design with internal LED charging.
- Maintenance-free operation with no batteries or external power needed.
- Durable construction with optional vandal-resistant shield.



OLLO INDUSTRIAL EMERGENCY LIGHT

High-output design covers open spaces up to 200 feet for reliable emergency illumination.

FEATURES

- Multiple capacity and lamp head options for flexible configurations.
- Adjustable optics for focused or wide coverage with long spacing.
- NEMA 4X rated for durability in harsh or wet conditions.



E3MAC MODULAR INVERTER SYSTEM

High-capacity inverter powers large spaces and utilizes existing downlights to ensure safe egress.

FEATURES

- High-efficiency 98% inverter minimizes heat and energy loss.
- Pure sine wave output with overload protection for sensitive equipment.
- Optional web-based monitoring allows remote access and easy system management.



KEY CONSIDERATIONS FOR DATA CENTERS

Data centers demand emergency lighting solutions that prioritize reliability and efficiency over appearance. With massive facilities requiring large inverters and extensive exit signage, minimizing maintenance and ensuring dependable operation are critical.

Remember that inverters are not intended to back critical servers, and expert guidance is recommended when specifying life safety systems. Our expert team is available to direct proper specifications for these complex environments.



EMERGENCY LIGHTING CHECKLIST FOR DATA CENTERS

- ✓ Large inverters are typically required to support the scale of data center facilities.
- ✓ Function and performance take priority over aesthetics, as these spaces are not public-facing.
- ✓ Self-luminous and hybrid exit signs help reduce maintenance costs in these massive buildings.
- ✓ Inverters do not back critical servers, as they are interruptible power sources (IPS), not UPS systems.
- ✓ For assistance specifying a life safety system in a data center, contact Isolite's team for expert guidance.

HAVE QUESTIONS? REACH OUT TO ONE OF OUR EXPERTS!

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