



IEM Walk-In Enclosures and E-House Solutions



IEM's Walk-In Enclosures and E-House's can be employed to take Low and Medium Voltage power distribution and controls outside the facility's main building. Our custom-built solutions provide a walk-in structure that is fully tested, equipped, and ready for rapid implementation upon delivery to your site.

Walk-In Enclosures Features & Benefits

- Configurations can include MV Metal-clad Switchgear, Metal-enclosed Switchgear, Vesta Arc and Non-Arc Metal-Clad Switchgear or a combination of the three
- All internal wiring is run thru enclosed ducts, or conduit
- Utility metering compartments can be integrated in the switchgear
- Side, top, or bottom cable entry and exit configuration options
- Internal equipment is factory installed and wired
- Walk-in Aisle may contain Climate Control Systems (heating and / or cooling)
- Heating and/or cooling units designed for its operating environment
- NEMA-3R certified enclosure for durable construction to withstand harsh environments
- Minimal Shipping Sections to allow for ease of installation
- Bus provision for future equipment expansion
- System designed for maximum uptime with low maintenance
- Modular circuit breaker designed for easy addition of control accessories



Walk-In Enclosures Features & Benefits Con't

- Circuit breakers are available in various levels of interrupting ratings from 42–200kA at 635VAC
- Up to 4 circuit breakers can be mounted in a 24-inch wide section (up to 1600A frames), max 5000A per section
- Circuit breakers of like frame sizes and interrupting ratings are interchangeable
- 1558 switchgear can be integrated with our UL 1008 transfer switch equipment in a single lineup
- Service entrance and utility sections

E-House Features & Benefits

- Pre-engineered, modular configurations
- Configurable, by joining multiple pre-designed modules
- Fully assembled, integrated and routine tested in the factory
- Compact design and configured for ease of transportation
- Minimized site work requirements
- Fully secured with lockable doors
- Configurations with:
 - Medium Voltage switchgear
 - Low Voltage switchgear
- Component selections are based on value engineering for the application and optimized to meet specifications.

IEM Difference

All enclosures are designed for specific application with improved dimensional flexibility and finished using state of the art powder coating system providing an indoor finish that exceeds the 1500 hour salt spray testing requirement for outdoor equipment to 3000 hours.

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