

# IEM Custom Assemblies

IEM's unique design and manufacturing capabilities provide for the integration of various components or products into a single assembly specifically suited to a defined purpose. The Custom Assembly process eliminates the need to compromise or combine several products from various manufacturers into a less than ideal solution.

## Marina Substations

IEM's flexible approach to design and manufacturing is ideal for inland and coastal environment applications.

- NEMA 3R Standard
- Temperature Fans for cooling
- Single and three phase models
- Double wall construction
- Ground fault monitoring system
- Up to 1200 Amp Main Circuit Breaker with 16 Single-Phase Branch Circuit Breakers or 10 Three-Phase Branch Circuit Breakers
- Marine grade aluminum enclosure

## Emergency Fused Coordination Panels

- Voltage: 120V – 600V; Ampacity: 250A and 400A
- 65kA at 480V
- UL or CSA Listed
- Coordinated for emergency Loads
- Main breaker, main lugs, subfed breaker – optional



## Walk-in Enclosures

Custom designed walk-in enclosures are designed to protect power distribution equipment in outdoor applications.

- Allows any size layout or configuration
- Built and shipped in one unit, no assembly on-site required
- Installed and wired equipment to customer specific application
- Custom paint and sheet metal fabrication per application

## Generator Cable Tap Boxes

IEM's customizable generator cable tap boxes are pass-through devices that can safely connect a stand-by power circuit breaker with a portable generator.

- Rated for 600A applications at 240V or 480V
- Wall mounted/pad mounted
- Free standing
- Lug and cam lock connections available
- Power meters



## IEM Difference

Fully rated bus is based on density ratings, not UL heat rise tests, resulting in more bus and lower operating temperatures.

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.

Component and metering selections are based on value engineering for the application and optimized to meet specifications.



### Industrial Electric Mfg.™ (IEM)

Headquartered in Fremont, CA, IEM is the largest independent full-line manufacturer of electrical distribution and power quality equipment in the U.S. For over half a century, IEM has delivered customer-specific solutions to meet the ever changing power requirements of growth industries in North America. At IEM, tradition and technology still drive innovation. An experienced engineering staff and one of the most flexible design and manufacturing systems in the industry set IEM apart from standard product manufacturers.



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