

## Panelboards



IEM panelboards are designed to meet the needs of any electrical distribution system. Lighting, Distribution, and Receptacle Panelboards can be custom engineered featuring leading manufacturer's components and state-of-the-art surge suppression equipment. Standard panelboard configurations are also available.

### Remote Power Panel (RPP)

Full Customization and Design Flexibility

65K AIC/480V UL Rating for PIE (E Frame) Versions

84 Circuit Designs in UL Heat Rise Testing

Emergency (Fuse/Breaker) Panels  
Seismic shake table testing completed – fully qualified to worst case response spectrum.

### PIE Panelboard Features & Benefits

- Voltage: Up to 480VAC, 250VDC maximum
- Ampacity: 100A to 600A
- Interrupt rating 65kA at 480V
- UL or cUL listed
- Single phase and three phase
- Series ratings with upstream devices
- Main breaker, main lugs, subfed breaker – optional
- Vertically mounted main and sub-feed circuit breakers
- Up to 84 circuits in one panel
- Interiors available in silver plated copper
- Complete line of UL listed interiors with 200% rated neutrals for non-linear loads
- Surge Suppression Equipment/Optional integrated SPD
- Configured for sequence phase connections allowing complete flexible circuit arrangement (1-, 2- or 3-poles) to properly balance the electrical load on each phase
- Lock and door opening mechanism includes a positive slide catch and right- or left-hand installation
- Multi section boards – bolted together and bush openings (horizontal and vertical)
- Standard or door in door trims
- ANSI 61 light gray standard finish, other colors available as option
- Stainless steel and aluminum enclosures available
- Up to 200A rating for each panel row



### PIE Panelboard Features & Benefits

- Voltage: Up to 480VAC, 250VDC maximum
- Ampacity: 100A to 600A
- Interrupt rating 65kA up to 480V
- UL or cUL listed
- Single phase and three phase
- Main breaker, main lugs, subfed breaker optional
- Vertically mounted main and sub-feed circuit breakers
- Up to 84 circuits in one panel
- Interiors available in silver plated copper
- An interior accepts bolt-on branch circuit breakers
- Complete line of UL listed interiors with 200% rated neutrals for non-linear loads
- Surge suppression equipment/optional integrated SPD
- Configured for sequence phase connections allowing complete flexible circuit arrangement (1-, 2- or 3-poles) to properly balance the electrical load on each phase
- Lock and Door opening mechanism includes a positive slide catch and right- or left-hand installation
- Multi section boards – bolted together and bush openings (horizontal)
- Standard or door in door trims
- ANSI 61 light gray standard finish, other colors available as option
- Stainless steel and aluminum enclosures available
- We offer Title 24 panels for disaggregation of loads
- Up to 150A rating for each panel row



### CDP Panelboard Features & Benefits

- Voltage: Up to 600VAC, 250VDC maximum
- Ampacity: 225A to 1200A
- UL or cUL listed
- Single phase and three-phase
- Interrupt rating 25kA at 600V, 100kA at 480V, and 200kA at 240V
- Series ratings with upstream devices
- Interiors available in plated copper bus
- Main breaker or main lugs
- Fully rated or series rated
- Selection includes most commercially available molded case circuit breakers from industry leading manufacturers
- Standard or door in door trims
- ANSI 61 light gray standard finish, other colors available as option
- Stainless steel and aluminum enclosures available

### IEM Difference

Superior Enclosures – All equipment enclosures are designed for specific application and dimensional flexibility. All enclosures are finished using a 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.

### Technical Specifications

IEM Panelboards meet UL 67, UL 50, CSA and NEMA PB-1 standards and comply with federal specifications WP-115a. Distribution panelboards meet seismic testing, circuit requirements as outlined by IEEE344 and ICC-ES-AC156. equipment to 3000 hours.



Industrial Electric Mfg.

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