

# **Integrated Power and Control Centers**



**Complete Systems**

**From Design to Installation**



# POWER AND CONTROL

## Designed, Fabricated, Delivered and Installed

AZZ I Central Electric provides fully pre-wired systems in walk-in enclosures for portable power distribution, automation and control. From the initial engineering design to fabrication and assembly, these systems can be installed at your facility by our experienced team.



## Turnkey Systems Offer Cost Savings

Engineering, procurement and construction costs are reduced with our pre-assembled design. Even extensive testing and inspection prior to shipment can be customized to your unique requirements. We make jobsite start-up much easier and help reduce installation costs.



## Craftsmanship and Attention to Detail

AZZ I Central Electric systems feature quality components and workmanship throughout. The finest fabrication details of welding, termination and identification reflect our robust quality process and certification to ISO 9001:2008 standards.

## Best of All...We Deliver

We offer project management and supervision to transport, place and install your power and control center on site. It all adds up to a fully coordinated project from one reliable source.



## Versatile Solutions for a Broad Range of Applications

### Transmission and Distribution - Substations

- Protective Relay Systems
- SCADA / RTU Systems
- Power Metering & Monitoring
- Can Be Integrated Into Switchgear Enclosures



### Power Generation

- Emissions Monitoring and Process Control
- Wind Energy Remote Systems
- Transformer/Rectifier Systems
- Synchronization Equipment & Panels



### Industrial Applications

- Switchgear Enclosures
- UPS and Battery Systems

# DESIGN FLEXIBILITY

**Expandability** - Add side-by-side or end-to-end for additional space.

**Comfort** - HVAC and insulation supplied for comfort and environmental control.

**Roof Options** - Gable or shed roof design. Gutters, awnings and drip-shields can be added.

**Flooring Options** - Select from a raised floor, VCT vinyl tile, steel decking or concrete. Cables can be run in the floor or supported by overhead cable tray.

**Battery Racks** - Built-in battery racks support and contain the DC power systems with separate battery rooms offering spill containment, if desired.

**Ease of Installation** - Walk-in enclosures provide permanent support and can be placed on piers, gravel or a concrete pad.



## Rugged Materials and Appealing Exterior Finishes

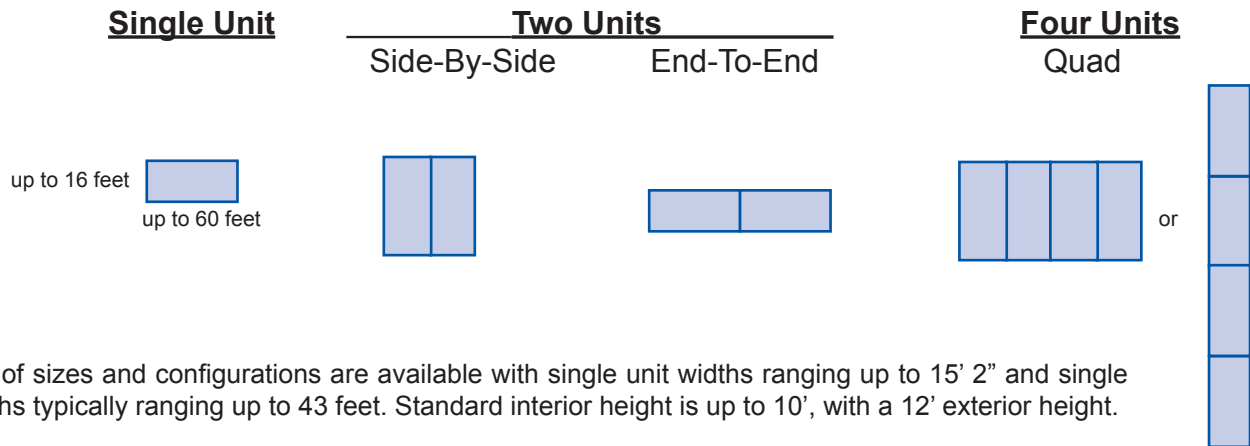
A variety of construction types are available to fit the needs of your project including painted steel and concrete with a variety of facades, including brick, rock, aggregate, siding and more.



# Integrated Power and Control Centers

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## Typical Configurations



A variety of sizes and configurations are available with single unit widths ranging up to 15' 2" and single unit lengths typically ranging up to 43 feet. Standard interior height is up to 10', with a 12' exterior height.

Multiple units are combined for added space and units may be stacked on top of each other, when space is a premium. Contact us for specific sizing requirements and DOT width limitations for your region.

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AZZ I Central Electric provides state-of-the-art engineering, design, manufacturing and field service for the electrical applications of our global utility and industrial clients. From a single protective relay to the complexity of a walk-in power distribution center, we provide quality protection, control and communications solutions.

AZZ I Central Electric is certified to ISO 9001:2008 standards and is a division of the AZZ Electrical Products Group.

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