

*CABINETS AND ENCLOSURES FOR ELECTRONICS,  
TELECOMMUNICATIONS, PETROCHEMICAL, TRAFFIC  
CONTROL AND SOLAR APPLICATIONS*



- United Fiberglass offers turn-key capabilities including design, prototyping and production
- We offer a wide variety of [NEMA Specifications](#)
- Hundreds of cabinet designs and configurations on file for immediate fabrication, or manufactured to [your specifications](#)
- We can provide both short or long run production
- Products manufactured from steel, stainless steel or aluminum
- [Special finishes](#) available
- Full line of enclosure accessories including back panels, EIA racks, shelves, slide-out drawers, fan panels, switch brackets and more
- Modern production facility utilizing CNC equipment and AutoCAD design

## CUSTOM ALUMINUM, STEEL AND STAINLESS STEEL ENCLOSURES

United Fiberglass pad mount industrial enclosures are designed for outdoor use in a wide range of environments. These types of enclosures are typically manufactured to NEMA 3R specifications, but can be altered to meet your specific requirements.

The enclosures are normally used to house electrical controls, terminals and instrumentation. Typical industrial applications include traffic control, electronics and telecommunication. The cabinets are available in many sizes and configurations, including double door and four door versions.



### Basic features may include:

Welded Construction	Sealed Seams	Rain Drip Lip
Cabinet Lock	Filter Bracket	Screened Air Intake
Door Stiffener	Louvers	Gasket Retainers
Closed Cell Neoprene Gasket	Padlock Bracket	Stainless Steel Hinge
Stainless Steel Hardware	Door Stop Rod	Switch Bracket
3-Point Latch Assembly		

### Some of the available options include:

Fans/Fan Panels	Shelves	Slide Out Drawers
Lifting Eyes	Policebox/Lock	Inside/Outside Paint
EIA Rails	Uni-strut	Extension Base
Insulation	Heater/Thermostat	Multiple Doors

As with all enclosures, United Fiberglass will offer pad mount enclosures to customer specifications, or modify existing designs to customer requirements. Extra holes, cut-outs, louvers or changes in sizes, materials or finishes are all available.

## *CUSTOM ALUMINUM, STEEL AND STAINLESS STEEL ENCLOSURES*

United Fiberglass wall mount enclosures are general purpose cabinets that can be designed for use in a wide variety of environments. We can manufacture the enclosures to your required NEMA specifications, including NEMA 4 or 4X. The cabinets can be suitable for either indoor or outdoor applications and can be manufactured from steel, stainless steel or aluminum.



### **Some of the many features and options available:**

- Single door or double door
- Closed cell neoprene gasket
- Manufactured to your required [NEMA](#) spec
- Hinged doors or clamp-style covers
- Back panels
- 3-point latch assembly for larger doors
- Switch brackets
- Fan panels
- Louvers
- Filtered air intake / Screened air exhaust
- EIA rails
- Shelves / Slide out drawers
- Special finishes

**SPECIAL NOTE:** MANY OF THESE ENCLOSURES ARE ALSO AVAILABLE IN A PEDESTAL MOUNT CONFIGURATION.

## CUSTOM ALUMINUM, STEEL AND STAINLESS STEEL ENCLOSURES

United Fiberglass offers a wide variety of traffic control enclosures built to your specific state and/or regional requirements. Cabinets can be manufactured from aluminum, steel or stainless steel and (when applicable) finished in customer specified coatings. Available cabinet configurations include all those typically used in the traffic industry, including "P" cabinet, "M" cabinet, CCTV cabinets, detector amplifier cabinets; 334 and 336 cabinets, just to name a few. Mounting options include pad mount (interior ground mount), pole mount, pedestal mount and free standing. We can also provide any of the traffic control cabinet options, such as police doors, lifting eyes, EIA racks and slide-out drawers.



### Some of the many features and options available:

- Single door or double door
- Closed cell neoprene gasket
- Manufactured to your required [NEMA](#) spec
- Hinged doors or clamp-style covers
- Back panels
- 3-point latch assembly for larger doors
- Switch brackets
- Fan panels
- Louvers
- Filtered air intake / Screened air exhaust
- EIA rails
- Shelves / Slide out drawers
- Special finishes

**SPECIAL NOTE:** MANY OF THESE ENCLOSURES ARE ALSO AVAILABLE IN A PEDESTAL MOUNT CONFIGURATION.

## *CUSTOM ALUMINUM, STEEL AND STAINLESS STEEL ENCLOSURES*

United Fiberglass battery boxes are designed for solar power applications and are used extensively in the traffic control, telecommunication and petrochemical industries.

The enclosures can be fabricated from steel, stainless steel or aluminum and manufactured to your required NEMA specification. The cabinets can be designed to house any number of batteries and can be configured with a separate electronics compartment. Most battery enclosures are designed for pole mount installation, however they can be altered to suit your installation requirements

### **Some options include:**

- Totally sealed electronics compartment
- Hot dip galvanized finish
- Special paint finishes
- Insulation
- Fans / Fan panels
- Back panels

United Fiberglass will fabricate battery enclosures to customer specifications, or alter existing designs to customer requirements. Special panels, shelves, cut-outs, holes, louvers, dimensions, material types and gauges are all available



## CUSTOM ALUMINUM, STEEL AND STAINLESS STEEL ENCLOSURES

These industrial buildings are designed for outdoor use and can provide excellent protection and accessibility to your electronic equipment in many types of environments. The buildings are designed to be installed on a concrete pad and typically are used to house banks of controllers and/or electronics and instrumentation. Buildings such as these are used extensively in traffic control and telecommunications applications.



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The buildings are typically manufactured to [NEMA 3R](#) specifications and fabricated from aluminum. We have also designed and manufactured large, walk-in enclosures, such as these, from stainless steel per special customer requirements. The standard building design is a welded and bolted assembly that can be transported via trailer, fully intact, to your designated installation site. Heavy duty 1/4" x 3" x 4" angles form the interior base of the building. One or two full size doors provide convenient access and feature lockable, 3-point latch assemblies for security. The doors are fully gasketed and equipped with filtered louvers for air-flow through the enclosure. Uni-strut brackets are welded to the interior walls of the enclosure for installation of panels or shelves. All seams are sealed with high quality silicone and the interior is painted a high gloss, white enamel.

**Some of the available options include:**

- |                             |                    |                     |
|-----------------------------|--------------------|---------------------|
| EIA Rails / Rack Assemblies | Heating / AC Units | Interior Insulation |
| Outside Paint               | Equipment Panels   | Shelves             |
| Sliding Drawers             | Fans / Thermostats |                     |

Although we have a number of sizes and configurations on file for immediate fabrication, United Fiberglass offers buildings to customer specifications, or alter existing designs to your requirements. Special panels, shelving, panel cut-outs, holes, materials and finishes are all available.

