

Custom Metal Enclosures

Engineering, Design, and Fabrication: Made in the USA



THE POWER OF QUALITY



SolarcraftTM THE POWER OF QUALITY

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THE POWER OF QUALITY

Since 1994, THE POWER OF QUALITY has guided the way we do business. Solarcraft began by designing and building small solar power systems for *critical electronics in remote locations*. We continued to develop our capabilities, and we offer full-service Engineering, Fabrication, Integration, Programming and Field Service.

QUALITY – in design, materials, workmanship, service, and people are fundamental to our business approach. Solarcraft takes pride in continually improving our processes and products, seeking innovative solutions, and building the best team of employees. To our customers, the Solarcraft name is synonymous with quality. That's what we mean by **THE POWER OF QUALITY**.

Innovation

Quality doesn't exclude economy. In a competitive market, we design solutions that facilitate efficiencies in manufacturing without compromising materials and workmanship. We identify and test innovative products that improve system performance and reliability.

As a result, we deliver long-term savings and built-to-last products for our customers' mission-critical operations.

Solarcraft Offers You:

- Standard and Build-to-Order Metal Enclosures, Battery Racks, and Switch Racks
- Complete In-House Engineering, Design, and Fabrication
- Competitive Lead Times and Pricing
- Expedited Turnaround Available
- Type 3R and 4X Certified Enclosures
- Private Labeling

The bitterness of poor quality remains long after the sweetness of low price is forgotten.

-Benjamin Franklin



The Solarcraft showroom features standard and custom enclosures, product cut-away displays, and open meeting areas for spontaneous discussions and project collaboration.

Established
1994

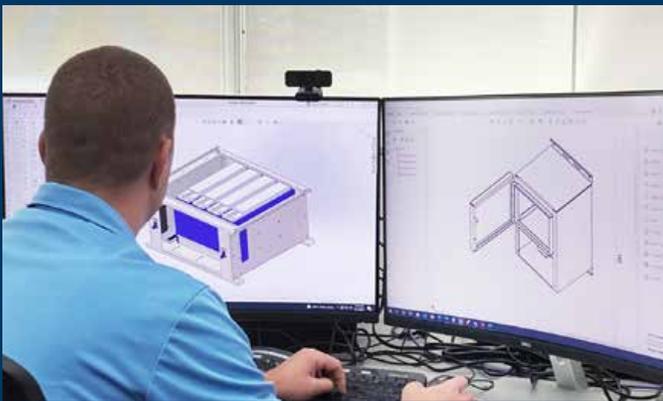
Our Factory

Solarcraft designs and builds enclosures for industrial applications at our 36,000 square-foot facility in Sugar Land, Texas USA.

Our Fabrication area features an Amada laser cutter and press brake. We design and manufacture metal enclosures, as well as the components and accessories such as shelving, backplanes, brackets, laptop surfaces, racking, and skid bases.

Solarcraft's Engineering Department is key to product development, design and innovation. Our team engineers your solutions and produces fabrication and schematic drawings for your approval. In addition, they work with Manufacturing during the design phase to simplify the manufacturing process.

We welcome customers to get to know us by visiting our factory and meeting our team.



Pictured top: Design and Engineering | Amada Laser CNC Machine

Second row: Amada Laser at work | Aluminum Welding Bay Amada Press Brake with work-in-process

Bottom row: Unloading cut material from the laser bed | Various work-in-process pieces staged for welding



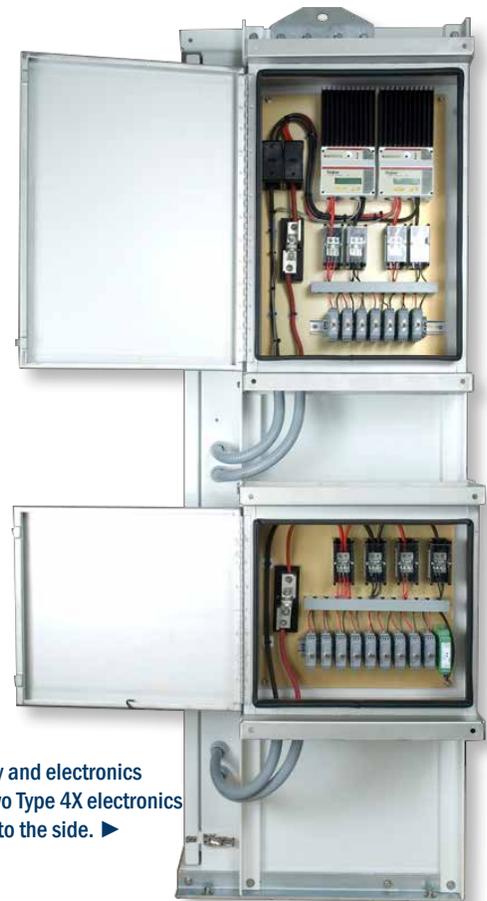
Single and Dual-Compartment Enclosures

We offer standard and custom enclosures and shelters with technician friendly features such as gas spring door pistons to keep doors from slamming shut, interior LED lighting, easy-to-open latches, fold-down laptop surfaces, battery terminal shields, and more.



- ▲ Private labeling on battery and electronics enclosures.
- ▼ Dual compartment enclosure with Type 4X upper compartment, and 3R/4X combined lower compartment. Both doors have gas spring door pistons. Upper compartment has fold-down laptop surface and aluminum document pocket mounted to the door. Lower battery compartment has clear acrylic battery terminal shields for safety.

- ▲ 316 Stainless steel electronics enclosure with heat safe glass | Fold-out sun shield to shade and protect LED display on outdoor enclosure | Alarm Control enclosure | CID2 control and monitoring system for a pipeline meter station



- 72" high battery and electronics enclosure with two Type 4X electronics panels mounted to the side. ►

Enclosure Materials

- Aluminum
- Stainless Steel
- Aluminum and Steel Diamond Plate
- Carbon Steel

Enclosure Finish Options

Powder Coated, Galvanized, Painted

Enclosure Range of Sizes and Ratings

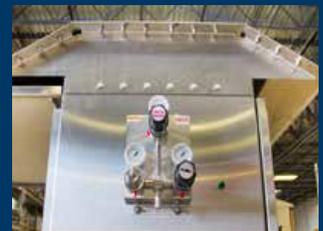
- Sizes range from small 8" x 8" x 6" boxes up to large 10' x 20' x 10' Electrical/RTU/Equipment Enclosures
- Type 3R and Type 4X Listed

Mounting Options

Wall, Pole, Pedestal, Skid, and Ground Mount

Available Add-on Options

- HVAC
- Interior LED Lighting
- Custom Inspection Windows
- Rain and Sun Shields
- Fold-down Laptop Surfaces
- Lifting Eyes
- Forklift Bases
- Concrete Anchor Blocks



Top row: Stainless steel pneumatic controls enclosure with laptop shelf. Battery and electronics enclosure with attached solar array, mounted to diamond plate aluminum skids | Diamond plate skid detail | Custom stainless steel gas analyzer shelter. Bottom row: Batch order of private labeled electronics enclosures | Diamond plate aluminum pedestal | Stainless steel lifting eyes detail

Specialized Enclosures and Prototypes



Top row: Custom stainless steel pneumatic control system with glass window door panel | Prototype stainless steel traffic control enclosure with batteries, fuel cells, and control electronics. Bottom row: Outdoor enclosure with rain shield roof for electric utility. Two-door rack mount enclosure for a major university.

Applications

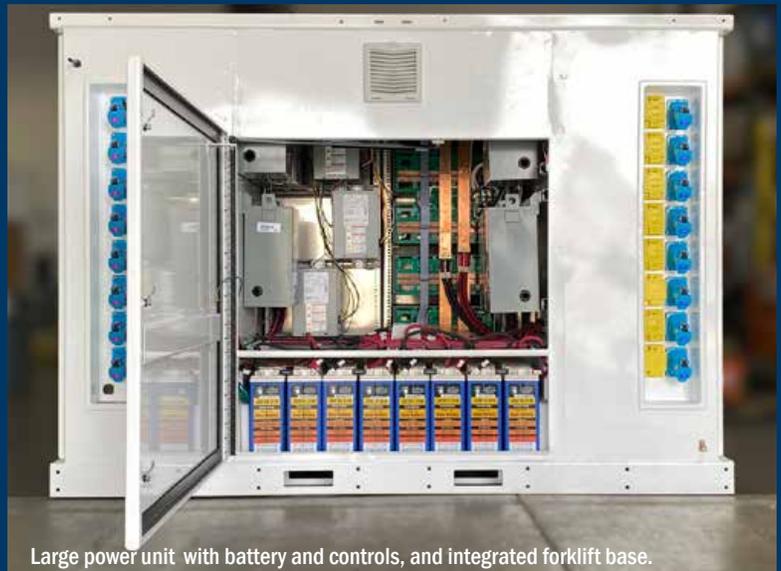
- Outdoor Industrial
- Renewable Energy
- Seismic
- Transportation
- Food and Beverage
- Utilities
- Communications
- Traffic
- Oil and Gas
- Harsh Environments



Custom solar power mustering station for chemical plant ▶



Generator with battery enclosure, mounted to powder-coated steel skid



Large power unit with battery and controls, and integrated forklift base.



Custom enclosure for gravity meter system, including helium tank storage.

Industry Leading 5-Year Warranty

At Solarcraft, all our products come standard with a 5-YEAR WARRANTY. Solarcraft warrants that our products will be free of defects in workmanship and materials at the time of shipment, for a period of five years from the date of shipment.

We are proud to offer this industry-leading, 5-Year Warranty to our customers for no additional cost.

Additional Solarcraft Capabilities and Expertise

- Turnkey Integrated AC and DC-UPS Backup Power Systems
- Solar Power Systems
- Battery Cabinets and Racks
- Bus Stop/Switch Racks
- Concrete Anchor Blocks and Heavy Duty Skids
- Industrial-Grade Modular/Movable Solar Arrays and Skid Solutions
- Modular Thermal-efficient Equipment Shelters
- Movable Electrical RTU Shelters/Enclosures
- CID2 Standards for Hazardous Areas



Pictured top row: Solar power system kits and aluminum enclosures, on pallets, ready for shipment. Large skid-mounted solar power systems with battery and control enclosures. Bottom row: Thermal-efficient insulated electronics equipment shelter for highly sensitive instrumentation, inspected and ready for transport. Galvanized steel skid-mounted switch rack with galvannealed steel roof and back-to-back dual-compartment battery and control enclosures.

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