



- World leader in PV Protection, Combiner, AC Inverters, BESS & DC-DC converters.
- URDC PV Solar Photovoltaic 250VDC to 1500VDC UL listed to 248-19
- URS Square Body 500VAC to 2500VAC with UL & IEC 690-2500VAC 100kA
- Energy Storage Systems 150Vdc to 1500Vdc, 6A to 2000A, 200kAir/340kA peak.
- Energy Storage(ES) fusing from 800VDC to 4200VDC+.
- Full line of DC fuse accessories, modules, Bases, clips, battery fuses.

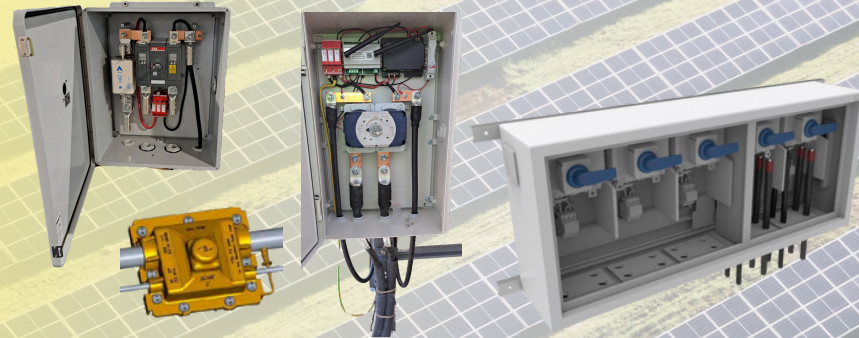


Insulating piercing connectors that save up to 50% labor costs.

- No stripping of the cables
- No use of knives for safety
- Range from #6 to 4/0
- Shearhead bolts to be used
- Visual indication that the cable was fully inserted.



- DC IPC (Insulated Piercing Connector) - Easy to install, no trenching
- DCIB (DC Isolation Box) - Will replace all the combined field boxes
- String and DCIB Monitoring - Smart sensors to assess strings & DCIB activity and fault detection - Easy to install, no specific tooling. Retrofit compatible
- MV Kiosk Container - Integrated Cell : Inverter, Transformer & Switchgear



Total Hydrogen Solutions offers a wide range of services and products, from hydrogen creation options to hydrogen compression & transfer systems. As well as hydrogen refueling stations and hydrogen fuel cells. Our team of hydrogen experts is equipped with the experience, knowledge and resources to guide you through the process.



Liquid Filled Transformers up to 46kV and 10MVA. Padmount, Substation, Multiple Tap or Windings, Fully Customizable and Engineered for each project's requirements. Industry Best Lead Times, Built in Waco, Texas.



Turn Key Solutions



Your Trusted Advisors for Solar Engineering, Procurement, & Construction.

- Solar Energy System Designs & Engineering
- Provide a comprehensive Energy Analysis with cost details and payback analysis.
- Offer No Capital Expense upfront flexible financing or leasing terms.
- Investment tax credit compliance dollar per dollar tax write off up to 50% of materials & labor costs.
- Supply Solar Panels, Batteries, Inverters, Power Packs, Generators, & BESS components or systems.
- Local Electrical Permitting & Electrical Installation.
- Bundle all our solar manufacturers & panel shop integrators to save time and money.
- Final utility interconnection
- System start up and testing
- Maintenance and Service agreements



US Based Complete Solar Design and Engineering resource

- Full Turn Key Design, Installation, Maintenance, and Service
- Solar Ground mount micro grids from 1MW to 100MW+
- Battery Energy Storage Systems - BESS, up to 5MW in 40' container
- Custom ground mount and roof mount solar racking and fittings



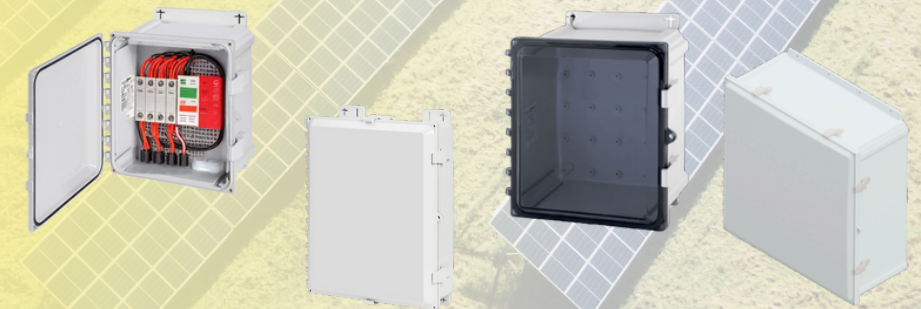
Residential, Commercial, and Industrial

Solar energy components and system solutions manufacturer.

- Solar OEM component manufacturer of:
 - Solar Batteries - Lithium Ferro Phosphate 70kW Scalable
 - EV Chargers - Level 1, 2, & 3.
 - Solar Panels - 550+ Watts
 - Solar Canopies
 - Solar Inverters - On grid, Hybrid, and Off-grid

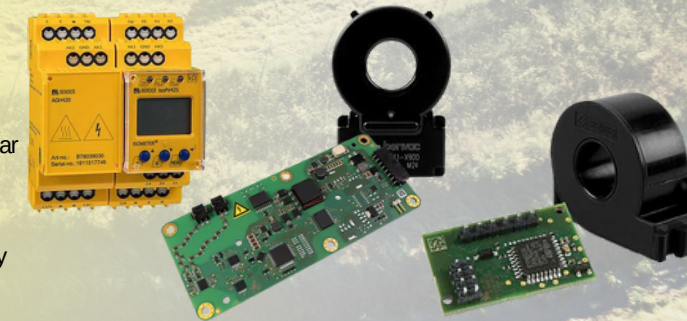


Wide-range of polycarbonate & fiberglass solar combiner boxes featuring 12 full product lines encompassing over 800 part numbers w/ 30+ configurations and optional SolarGuard technology.



Global leading manufacturer in electrical safety equipment to prevent Solar Ground Faults.

- NEC 690.41 & NEC 690.35, CSA C22.1, 64-068 ground fault protection on underground solar
- Smart grids and advancements in photovoltaics and batter needs advanced protection methods
 - Protection of personnel and equipment are Bender's number one priority
- Bender's Ground Fault monitoring ensures accurate, quick readings on solar arrays & battery systems.
- Bender devices integrate easily with networking—including ethernet and Modbus.



BILMAR

Texas based Instrumentation and Engineering Consulting
"Your Priority is Ours"

- Solar & Hydrogen system energy engineering, design, installation, commissioning, and service.
- Manufacturer, Designer, and installer of Level 2 & 3 EV charging stations
- Instrumentation & Electrical component new installations and retrofitting.



BILMAR

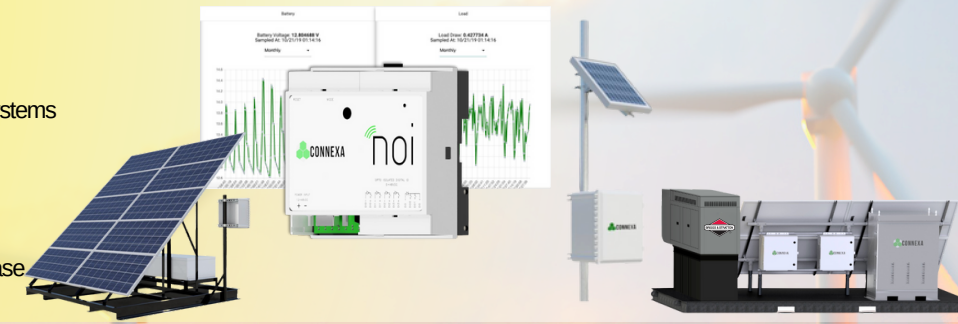
Texas based Instrumentation and Engineering Consulting
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- IoT Integration for commercial and industrial market segments. LoRaWAN Networking
- Laser Scanning, Drafting & Design, Turnaround Equipment tracking, Project Management.



CONNEXA

- Manufacturer and supplier of remote solar power products and systems
- Headquartered in Texas
- Connexa's NOI provides a solution for remote monitoring, troubleshooting, and predictive/preventative maintenance
- Cloud based communication systems; 4G/IoT/Ethernet
- Hybrid Power Skid- All-in-One Solution - 3 Phase AC , Single Phase AC , DC, 120V-240V, 277V-480V, C1D2 Available



BRIGGS & STRATTON

- Residential and Commercial Scalable Battery Back Up Systems
- Instant power from 6.6KW to 123KW
 - Includes inverter and monitoring system
 - Suitable for indoor and outdoor usage
 - ground or wall mount
 - Zero exhaust emissions
 - Made in the USA, qualifies for tax credits
- Permanently Installed Generators
- 17 systems ranging from 10KW to 200KW
 - Powered by natural gas or liquid propane
 - 3,000 authorized dealers
 - 10-year warranty on major components



HYBRID POWER SOLUTIONS

- Advanced hybrid and fuel-free portable power
- Remote job sites, back-up power, to full site power.
 - Continuous battery power from 3,000 watts to 250kW.
 - Reduce operational cost up to 90%
 - Recharge via solar, grid, alternator, or generator
 - Proudly engineered & built in North America



CITEL

- Global leader in Type 1 & 2 Surge Protection for Photovoltaic Systems
- Residential PV protection for DC networks & Data lines
 - AC Surge protection for main distribution panels & Inverters
 - Medium and high-power Commercial and Industrial buildings
 - Type 2 surge protection buildings not equipped with a lightning rod system.
 - Type 1 surge protection building with lightning rod systems
 - Solar Ground mount PV farms require Type 1 SPDs in Combiner boxes.



LS ELECTRIC

- Mini & Molded Case Circuit Breakers & Panel Boards
- Medium & Low Voltage Circuit Breakers up to 6000A
- Vacuum Circuit Breakers up to 38kV
- Medium & Low Voltage VFD's
- Motor Contactor, Overloads, Starters, PLC's, & HMI's



Conversions Technology

- Hybrid Solar Power System - ADU-160-Kit
- Kit includes:
 - 400W monocrystal- line PERC solar panels
 - 8kW hybrid, all-in-one controller & inverter
 - DC combiner and circuit breaker box
 - Photovoltaic cable, 100' red & black, 10 gauge
 - 2-to-1 Y cables
 - MC4 connectors
 - Mounting brackets with hardware
- Also included:
- AC Isolator Switch
 - DC Isolator Switch



rve

- RVE is a North American based manufacture of Energy Load Management System for properties.
- Multi-Unit dwellings, single family homes, condos, and townhouses electrical infrastructures.
 - No need to upgrade panels or load management resulting in 50% plus savings.
 - Compatible with all EV chargers

