



**OUR MISSION**

To achieve excellence in customer satisfaction through continuous growth and constant improvement.

Since our founding in 1938, Womack Electric Supply has grown to become one of the top electrical distributors in the nation. Headquartered in Danville, Virginia, Womack has multiple locations (including a Central Distribution Center) located throughout North Carolina and Virginia.

Over the past 75 years, there have been two constants in the electrical supply industry – change, and our commitment to adapt to change to better serve our customers. At Womack Electric Supply, we understand that our own success is a direct result of the success of those we serve. This is The Womack Way. Our customer centric philosophy serves to focus our efforts on consistent conformance to customer expectations for quality products and professional service. We articulate this philosophy every day in the capabilities and pride of workmanship of every Womack Electric employee serving you. After all, The Womack Way isn't about Womack Electric Supply at all. It's about you and your success, and that will never change.

[WWW.WOMACKELECTRIC.COM](http://WWW.WOMACKELECTRIC.COM)



*"What Customer Service Is About!"*



**SOLAR SOLUTIONS  
LINE CARD**





#### Cable management

- Easily manages high-density cable applications
- Aluminum construction with excellent corrosion resistance
- Long span solutions to match pier spacing
- Cable tray support brackets designed for rooftop and ground mount applications
- Expansion/contraction solutions to minimize required supports



#### Solar pass-through boxes

- Safely transitions wires on the job site
- Rated for 1000 Vdc
- Quick, easy wire termination
- Listed to UL 1741



#### Solar cable ties, cable clips, cord grips and lay-in grounding lugs

- Provides cable management options for bundling and harnessing PV solar wires
- Solar lay-in grounding lugs are ideal for continuous grounding of solar PV panels



#### DC circuit breakers and switch disconnectors

- UL circuit breaker ratings up to 1500 Vdc / 600 A
- IEC switch disconnector ratings up to 1500 Vdc / 1600 A
- Designed to meet higher voltage and lower fault current levels
- Protects solar PV strings, arrays, combiners and inverters



#### Solar combiners and recombiners

- Combination of low current DC strings
- 600 Vdc, 1000 Vdc or 1500 Vdc rated
- Options include arc fault (AFCI), pigtails, strut, knockouts, grounding, integrated DC disconnect and various enclosure materials
- cETLus 1741 and CSA® Listed



#### Solar cable whip and jumper assemblies

- Speeds up solar string installation
- Improved reliability
- Built to customer-specific site requirements
- Rated for 600 V, 1000 V and 1500 V
- Listed to UL 6703 and UL 9703



#### DC and AC disconnects

- Enhanced safety with visible means of disconnect
- 600 Vdc/pole and 1000 Vdc rated disconnects for grounded/ungrounded systems (UL 98B listed)
- AC disconnects (full line for applications on AC side of inverter) tested and listed to UL 98



#### Surge protective devices

- Global agency ratings for enhanced surge protection
- Helps to prevent DC arc damage
- EasyID™ local visual indication and optional remote contact signaling
- Modular, finger-safe DIN rail design



#### DC disconnect cabinets

- Disconnecting multiple high current circuits
- Rated for 600 V or 1000 Vdc
- 1–12 circuits using 100, 250, 325, 400 and 600 A switches
- NEMA® 3R, 4 steel and 4X enclosures
- Cu/Al 90 °C output terminals
- Listed to UL® 1741



#### Parallel circuit array and home run harnesses

- Increases DC string optimization by paralleling multiple strings
- 600 Vdc, 1000 Vdc and 1500 Vdc
- Available in copper and aluminum
- Custom design DC collection system with engineering support
- Listed to UL 6703 and UL 9703



#### DC fuses and fuseholders

- Global agency ratings up to 1500 Vdc (UL and IEC)
- Range of 1 to 630 A PV fuses
- Protect inverter, PV strings, array combiners and disconnects
- Provide versatile fuseholders/ accessories
- HPV and in-line fuses for harness manufacturers



#### Solar DC breaker recombiner

- Rated 600 and 1000 Vdc
- Tested and certified to UL 1741 criteria for reliable and safe operation
- Eaton UL 489B PVGuard solar circuit breakers, 80% or 100% continuous rated
- Current inputs from 600 A to 4000 A, supporting all inverter designs



#### Solar and storage inverters

- Utility-scale solar inverters—1500 kW to 2200 kW at 1000 Vdc; 2750 kW at 1500 Vdc
- Utility scale energy storage inverters—500 kW to 2250 kW
- Direct close-couple busbar connection to Eaton transformer



#### Metal-enclosed and metal-clad MV switchgear

- Ratings up to 38 kV
- ANSI and IEC certified ratings
- Indoor and outdoor enclosures
- Ring main units



#### AC circuit breakers

- Circuit breaker ratings up to 600 Vac UL; 690 Vac IEC / 2500 A
- Air power circuit breakers up to 635 Vac / 6000 A with ANSUL and IEC ratings



#### AC solar ready loadcenter and meter breaker

- Available in Type CH and BR loadcenter, and meter breaker designs
- Factory-installed permanent markings that help ensure NEC® compliance
- Up to 225 A rated copper bussing maximizes solar source up to 70 A for standard units
- Main breakers are factory installed, adding flexibility in PV sizing



#### Envirotran solar transformers

- Highly efficient
- Improved payback on investment
- Smaller footprint
- Improved fire safety
- Reduced environmental impact
- Compatible with all major PV inverters



#### Medium-voltage connectors

- 200 kV BIL deadbreak connector system increases reliability
- MV terminations and sectionalizing equipment
- Overvoltage and overcurrent protection
- Industry-leading fusing systems and fault indicating devices



#### AC contactors

- Space saving and easy to install
- Applications from 7 A to 3000 A
- Vacuum interrupters as standard for all contactors 580 A and larger, providing superior electrical and mechanical life
- Meet IEC, UL, CSA, CCC and CE standards



#### SCADA, metering and wireless communications

- Turnkey SCADA solution with KPIs for optimizing performance
- Fully integrated with Eaton's solar PV equipment
- Remote Web access to KPIs and alarms via smartphone or tablet PC
- Comprehensive diagnostics for quick troubleshooting
- Powerful historian for data analysis and reporting



#### Smart VFI MV solar switchgear

- Easily integrates into grid-tie generation systems
- Reduces arc flash exposure
- Metering, protection, local or remote operation, visible isolation and grounding
- E200™ biodegradable dielectric fluid eliminates SF<sub>6</sub> gas monitoring



#### AC fuses and fused panelboards

- High-speed fuses protect sensitive semiconductor devices in inverters
- Control fuses provide supplemental overcurrent protection
- QSCP with fast-acting fuses for AC combiners



#### AC recombiner panelboards and switchboards

- Designed for use with three-phase string inverters
- Available in both fusible and circuit breaker designs
- Custom designs from regional plants



#### Services

- Install, start up and commission any manufacturer's solar and/or storage power equipment
- Track solar or storage power outputs and identify trends
- Provide a range of solar and/or storage systems
- Provide a range of microgrid systems services

# WOMACK

## ELECTRIC SUPPLY

*The speed with which solar projects proceed to completion has highlighted the importance of an expert supply chain that can keep disruptions from happening on the ground. When you partner with Womack Electric Supply you partner with a supplier with a proven track record of successfully meeting and exceeding the demanding and ever-changing needs of contractors within the industry.*

*Our team of dedicated professionals are with you all the way ... from needs analysis during project development; to working to ensure engineering requirements are met before product procurement; to handling the logistics of product flow for MRO applications and more. We back all this up with a suite of support services designed to bring efficiency and productivity to your company. Womack Electric Supply partners with leading industry manufacturers to provide end to end electrical solutions for solar energy construction and maintenance applications.*

*Let us show you what customer service is all about! We think you'll appreciate the responsive, committed people, the comprehensive services, and quality products that Womack Electric offers.*

