



Pre-Terminated Wiring Solutions for Solar PV

Optimize Community, Commercial & Industrial Solar Projects with Shoals



Clean Energy Sector Trends

With AI and advanced tech driving up electricity demand, and decarbonization pushing transformation, the U.S. solar industry is entering a new era. Reshoring and the drive for energy independence are making speed, efficiency, and resilience more critical than ever.

Community and C&I Solar Project Challenges

CC&I solar projects succeed when systems are fast to deploy, efficient to run, and built to last. EPCs face pressure to control costs and ensure quality in the field, while distributors must provide components that deliver. Shoals offers EBOS and wiring solutions that are customizable, cost-effective, and designed to simplify installation, reduce material and labor, and power safe, reliable performance for decades.

Boost Performance and Cost-Effectiveness with Pre-Terminated Wire from Shoals

Shoals' pre-terminated wire transforms project challenges into opportunities. By shifting measuring, cutting, and terminating to our factory, projects benefit from plug-and-play installation, reduced labor costs, minimized field quality risks, and cables built exactly to specifications, without excess to manage. With a proven track record in factory-made harnesses and cabling, Shoals ensures repeatable quality, thorough testing, and fewer issues during installation and throughout the product's life.

How will Pre-Terminated Wire Work?

At Shoals, all measuring, cutting, and terminations are completed in our factory before the product ever reaches the site. The result is pre-terminated wire that arrives ready for plug-and-play installation, reducing field labor and minimizing quality risks. Each cable is site-specific, factory-tested, and built to customer specifications, ensuring accuracy, repeatability, and a smoother installation process.



Key Benefits

Streamlined project design and execution

Wiring solutions that are measured, cut, and terminated to specifications support accurate layouts and smoother project execution.

High quality and longevity

In-house crafted, durable solutions tested beyond regulatory standards support long-term reliability.

Lower costs and shorter project timeline

Pre-terminated wiring solutions help reduce material use, labor, and installation time.

Reduced project risk

Prefabricated wiring with in-factory quality standards serves to minimize field errors during installation.

Regulatory compliance

Wiring solutions built to UL and NEC standards support compliance needs.

Sustainability goals

Optimized material use and reduced waste contribute to lower carbon footprints.

Domestic manufacturing

Wiring solutions produced with locally sourced inputs support domestic manufacturing and strengthen U.S. supply chains.

Why Shoals?

Extensive solar PV experience and expertise

Since 1996, Shoals has been a trusted leader in the solar industry, delivering cutting-edge EBOS, harnesses, and wiring solutions backed by decades of expertise.

Both standardized and customized solutions

We offer standard solutions or collaborate with our customers to tailor our solutions to meet every project's unique needs.

Innovation is in our DNA – Inventing Simple

With over 67 patents worldwide, we continuously innovate to make our solutions safer, more reliable, and responsive to the clean energy industry's evolving needs.

Proudly made in Tennessee

With domestic manufacturing rooted in Tennessee, we create local jobs, support communities, and deliver quality, precision, and long-term reliability.

Industry-leading EBOS solutions provider

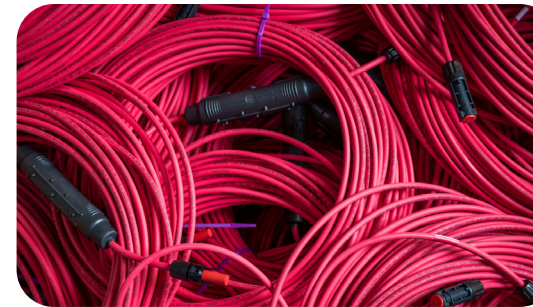
Our customizable plug-and-play solutions significantly reduce material, installation, labor, and O&M costs for the system's lifespan, lowering overall project expenses.

Involved in shaping industry standards

Our partnership with SEIA ensures that we shape the regulatory landscape and future standards for solar and storage components.

Simplified procurement for all components

Our extensive portfolio of plug-and-play electrical components and wiring solutions supports all clean energy projects.



Contact Us

Equip your customers with Shoals pre-terminated wiring and other innovative EBOS solutions designed for efficiency, reliability, and ease of installation.

Reach out to our team today to explore how Shoals can support you and your customers' projects.

