



SuperJumpers for Solar PV

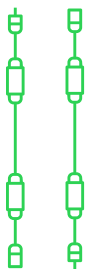
As the renewable energy industry continues to grow, driven by a commitment to decarbonization, it faces the challenge of meeting rising demands for electrification and durable infrastructure. The key to success lies in accelerating project delivery and reducing costs, while also optimizing project value, increasing installation longevity, and mitigating risk.

Solar PV Project Challenges

To address industry challenges, utility-scale solar owners, developers, engineers, EPCs, and O&Ms are seeking high-quality, reliable electrical balance of systems (EBOS) solutions to unlock the full potential of their projects.

What is SuperJumper from Shoals?

Transform industry challenges into opportunities with SuperJumper and supporting EBOS solutions for your utility-scale solar project. Industry-leading, prefabricated, plug and play EBOS and wiring solutions like SuperJumper from Shoals are tailored to your needs. Leverage our extensive expertise in solar PV and electrification, along with our commitment to innovation, to optimize your solar energy projects. Mitigate risk and maximize your energy assets while benefiting from accelerated project timelines, enhanced cost-effectiveness, as well as robust and sustainable design.



SuperJumper is a wiring solution for unobstructed row solar sites, providing reliable power over long distances to the combiner or DC trunk bus (BLA) in stacked tracker configurations. SuperJumper offers a next-level alternative to traditional 100% copper jumper wires used in long row applications with combiners. By integrating the simplicity of copper home run installation with the cost-efficiency of aluminum, it reduces harness costs

while maintaining or improving voltage drop compared to copper runs. With lower annual maintenance, SuperJumper offers a simpler and more cost-effective way to build and maintain solar sites for the long term.

EBOS FOR EVERY LAYOUT

Suitable for any project design

■ **Harness + SuperJumper**

LONG ROWS

Harness + SuperJumper +
High current combiner box

■ **DC Trunk Bus BLA East-West**

DC trunk bus (BLA) +
Disconnect box

■ **Harness**

HIGH CURRENT

Harness + High current
combiner box

■ **DC Trunk Bus BLA North-South**

LONG ROWS

DC trunk bus (mini BLA) +
Recombiner box

■ **Individual Home Runs**

STANDARD

Individual prefabricated
home runs + Combiner box

Key Benefits



Streamline design and execution

Rely on our top-quality wiring solutions and site design services for any configuration and location.



Minimize project risk

Eliminate in-field installation errors by using connectors and wiring with stringent in-factory quality standards.



Ensure quality and longevity

Choose in-house crafted, durable solutions tested beyond regulatory standards for exceptional reliability.



Increase energy yield, accelerate project timeline, and cut costs

Optimize your project with quality prefabricated solutions that minimize materials and onsite labor.



Boost efficiency across all stages

Simplify and drive efficiency across design and key processes, from sourcing to installation and O&M.



Meet your sustainability goals

Lower your carbon footprint with wiring solutions that optimize material use and minimize waste.



Adhere to regulatory standards

Meet local compliance standards with top-tier EBOS solutions that are UL and NEC standards compliant.



Satisfy domestic content requirements

Choose EBOS solutions manufactured locally and labeled "Made in Tennessee."



Simplify procurement

Partner with one trusted supplier to holistically address all your EBOS solution needs.

Why Shoals?



Extensive solar PV experience and expertise

Since 1996, Shoals has led the renewable energy sector with our cutting-edge electrical balance of systems, harnesses, and wiring solutions.



Both standardized and customized solutions

We offer standard solutions or collaborate with you to customize our solutions to meet your project's unique needs.



Top industrial capabilities in the sector

Shoals' innovative equipment and processes enable large-scale industrial production. Our world-class welding and molding techniques ensure long-term safety and reliability.



Design, engineering, and long-term care

Our engineering and customer care teams provide continuous support to optimize your solar installations' layout and performance.



Industry-leading EBOS solutions provider

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



Simplified procurement for all components

We offer an extensive portfolio of plug-and-play electrical components and wiring solutions for all your renewable energy project needs.



Innovation is in our DNA - Inventing Simple

With over 47 patents in the U.S. and globally, we continuously innovate to make our solutions safer, more reliable, and responsive to the renewable energy industry's evolving needs.



Proudly made in Tennessee

Experience the advantage of products manufactured locally, where our commitment to quality and precision ensures superior performance and reliability.

Contact Us

Unlock the full potential of your solar project with industry leading SuperJumper and other EBOS solutions, as well as expert advice from Shoals.

Connect with us today to discuss your goals and share your drawings.

