



SuperJumpers for Solar Projects Around the Globe

As the renewable energy industry continues to grow, driven by a commitment to decarbonisation, 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 optimising project value, increasing installation longevity, and mitigating risk.

Solar Project Challenges in Europe and Globally

With limited space and uneven terrain, utility-scale solar owners, developers, engineers, EPCs, and O&Ms struggle with solar architecture to maximise energy output. They seek cost-effective electrical balance of systems (EBOS) and wiring solutions tailored to their specific needs and local standards, prioritising top-notch quality, safety, reliability, and sustainability to unlock the full potential of their projects.

What is Shoals SuperJumper Solution?

Transform these 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 regional standards. Leverage our extensive expertise in solar PV and electrification, along with our commitment to innovation, to optimise your solar energy projects. Mitigate risk and maximise 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. 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

Individual Home Runs

STANDARD

Individual prefabricated home runs + Combiner box
(above ground & trenched)

Harness

HIGH CURRENT

Harness + High current combiner box
(above ground & trenched)

Harness + SuperJumper

LONG ROWS

Harness + SuperJumper + High current combiner box
(above ground & trenched)

DC Trunk Bus BLA North-South

LONG ROWS

DC trunk bus (mini BLA) + Super combiner box
(above ground & trenched)

DC Trunk Bus BLA East-West

DC trunk bus (BLA) + Disconnect box
(above ground & trenched)

Key Benefits:



Streamline design and execution

Employ our top-quality wiring solutions in any configuration and geographic location.



Minimise project risk

Eliminate in-field installation errors by using 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

Optimise your project with quality prefabricated solutions that minimise 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 optimise material use and minimise waste.



Adhere to regulatory standards

Meet local compliance standards with top-tier EBOS solutions that are IEC + AS/NZ compliant.



Simplify procurement

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



Support the local economy

Purchase wiring solutions made with locally sourced inputs.

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 standardised and customised solutions

We offer standard solutions or collaborate with you to customise 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 optimise your solar installations' layout and performance.



Industry-leading EBOS solutions provider

Our customisable 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 35 patents globally, we continuously innovate to make our solutions safer, more reliable, and responsive to the global renewable energy industry's evolving needs.



Manufacturing globally to meet local needs

Our solutions are manufactured in your region, with our commitment to robust quality and meeting local standards.

Contact us

Optimise your solar projects worldwide with expert advice from Shoals. Share your goals and designs to unlock customised SuperJumper and other EBOS solutions for any architecture.

Connect with us today.

