

## INTERCONNECT SYSTEM™ BI-FACIAL & CRYSTALLINE

### ABOUT

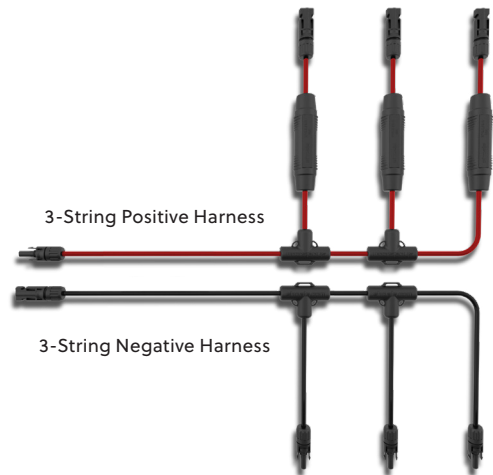
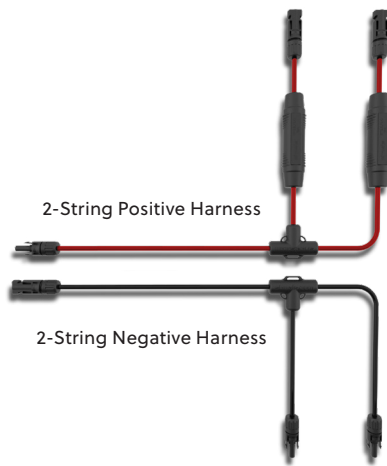
The Shoals™ patented Interconnect System reduces the specialized labor required in your installation, making the integration of solar panels a breeze. With harnesses custom manufactured for your specific site, both labor and material costs are significantly reduced. The simplified design and robust construction also increases reliability, making the Interconnect System a perfect solution for any project.

### FEATURES

- UV/sunlight resistant
- Resistance welded joints
- Custom manufactured to the installation
- Standard 5-year warranty on all models
- Patented chemically bonded and hermetically sealed two part molding process
- Compliant to IEC 62930 and 62852

### OPTIONS

- Available in 3, 2, and 1-string configurations
- 4 mm<sup>2</sup>, 6 mm<sup>2</sup>, and 10 mm<sup>2</sup> wire size available
- Certified PV connectors available
- Cable available in standard colors
- Standard fuse sizes up to 32 A



#### TECHNICAL INFORMATION

INTERCONNECT SYSTEM	
Voltage Rating	1500 VDC
Max. DC Current*	47 A (4 mm <sup>2</sup> ) / 59 A (6 mm <sup>2</sup> ) / 80 A (10 mm <sup>2</sup> ) / 108 A (16 mm <sup>2</sup> )
Max. Input Overcurrent Protection	32 A
Max. Operating Temp.	90 °C

\*Wire Current Carrying Capacity. Single Cable in free air at 50 °C according to IEC 62930. Subject to Connector Current Rating. Refer to final harness design for specific values.

Plastic over-mold material is suitable for outdoor use with respect to exposure to UV light, Water Exposure and Immersion in accordance with IEC 62930 Annex E.

Product design and specification subject to change or modification without notice.

