

INTERCONNECT SYSTEM™

SUPERHARNESS

ABOUT

Shoals™ patented Interconnect System reduces the specialized labor required in your installation, making the integration of solar panels a breeze. For end of row collection on sites where multiple trackers are stacked into longer rows, the use of larger copper wire can extensively increase the costs of a project. With SuperHarness and its optimized combination of copper and aluminum conductors, wire cost and voltage drop mitigation is no longer an issue. With SuperHarnesses custom manufactured for your specific site, both labor and material costs are significantly reduced. The integrated design and robust construction also increases the reliability, making it the perfect solution for any project.

FEATURES

- UV/sunlight resistant
- Custom manufactured to the installation
- Standard 5-year warranty on all models
- Patented chemically bonded and hermetically sealed two part molding process
- ETL certified to IEC 62930, 60502-1 and 62852 up to 1500 VDC

OPTIONS

- Available in 3-String or 2-String configuration
- 10 or 16 mm² Outputs with 6 or 10 mm² Inputs (Copper) and 25, 35 or 50 mm² Travelers (Aluminium)
- All certified PV connectors available
- Cable available in standard colors
- Standard fuse sizes up to 65A



Technical Information	SuperHarness
Voltage Rating	1500 VDC
Max. DC Current	80A (10 mm ² Cu) / 108A (16 mm ² Cu)
Max. Input Overcurrent Protection	32A
Max. Output Overcurrent Protection	65A
Max. Operating Temp.	90°C

- Wire Current Carrying Capacity. Single Cable in free air at 50 °C according to IEC 62930.
- 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.