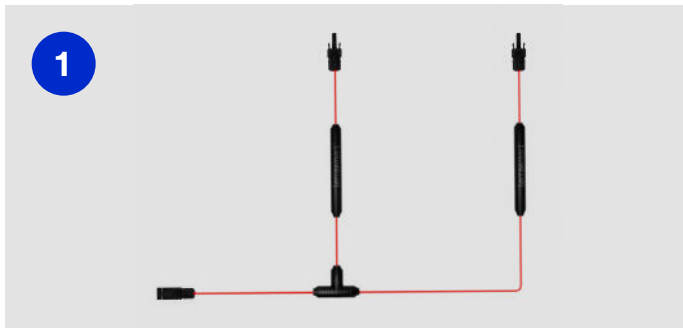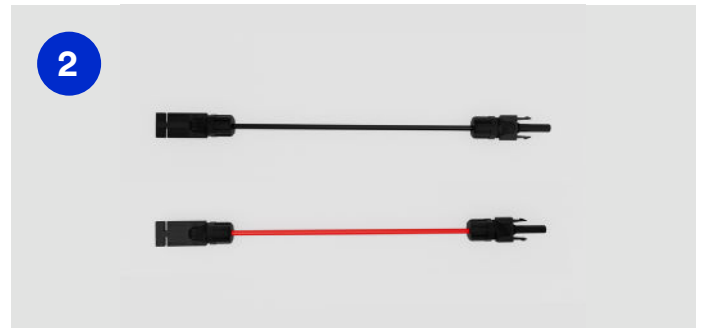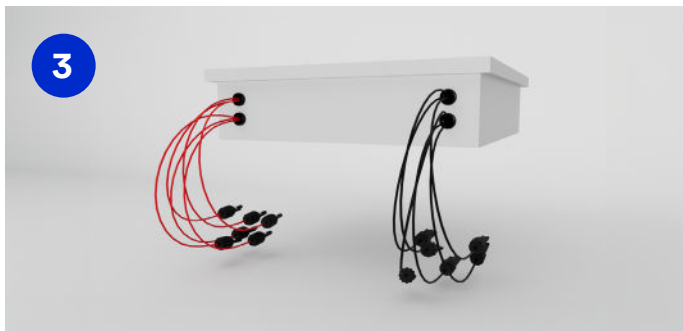# Wire Solutions

Terrasmart wire solutions are your link to smarter, faster solar projects so you can complete more projects and maximize financial value. Our team works as an extension of yours - applying our unrivaled knowledge of the PV project lifecycle to design.
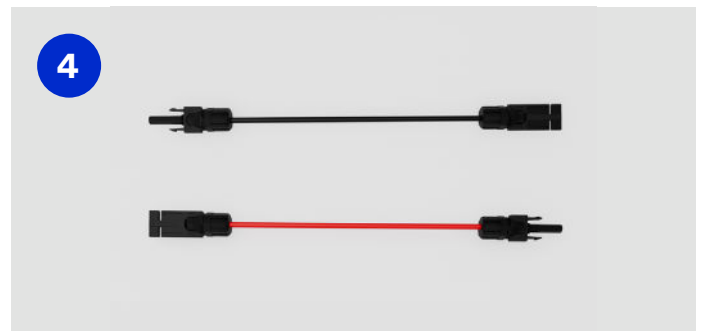

1 Wire Harness

2 Source circuit conductor (SCC)
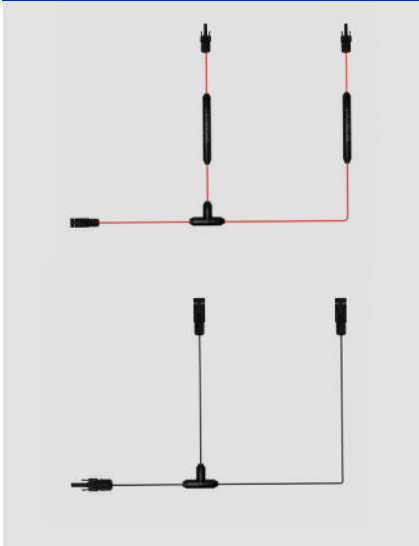

3 Whips

4 Jumper

Benefits

- Listed to UL-9703
- Prefabricated manufacturing allows for plug and play connection in the field requiring less labor and time on site
- Reliable and trustworthy service
- Flexibility at scale
- Unique customer needs met without sacrificing quality and timeliness
- High quality and longevity
- Unrivaled knowledge of the PV project lifecycle

Other options available upon request. Please note dimensions and weight may vary for any custom solutions. Contact us for details.
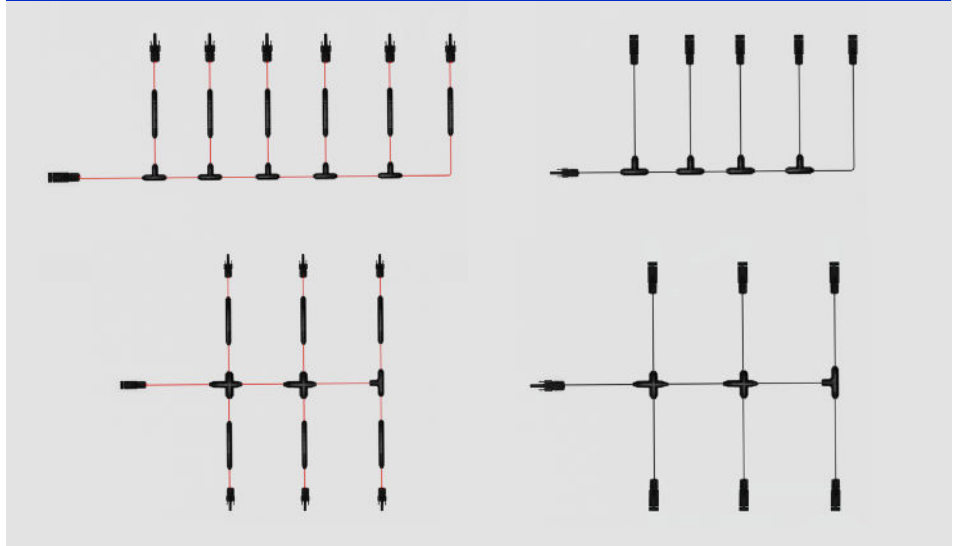
1 Wire harness

Bi-facial & crystalline modules	Thin film modules

Photovoltaic 2kV conductors standard

UL listing	UL 9703
Design	Harness design customized per project specs. Number of inputs and branches is customizable.
Voltage rating	600, 1000, 1800
PV wire gauges available	6, 8, 10, and 12 AWG
Wire standing	7, 19, or 40 strands
Material	Copper
Max. harness trunk current	304A
Max. inline fuse size	32A
Temperature rating	-40°C to 90°C
Sunlight resistant / Oil & gasoline resistant, category II	

Photovoltaic 2kV conductors standard

- Terminated with MC4, PV4S, HV/UTX, or any certified PV connector
- Blunt cut for cage clamp or screw terminal
- Multiple colors available
- VW-1 flame rating optional

Bi-facial & crystalline modules

- "X", "Y", "T", and fuse overmolds
- 2 to 32 amp crimp barrel fuses
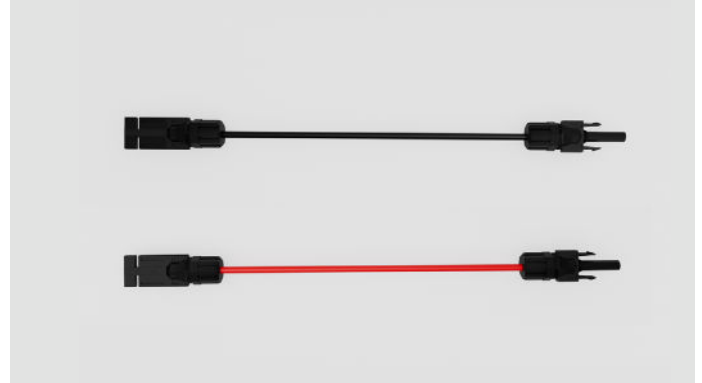- 1000 and 1500 VDC
- Sonic welded connections

*Other options available upon request. Please note dimensions and weight may vary for any custom solutions. Contact us for details.
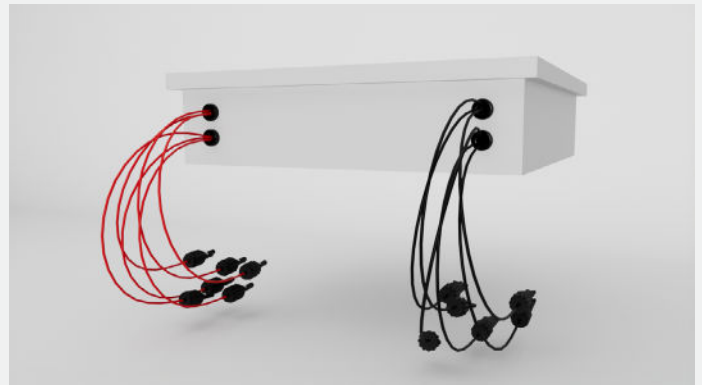
Options and specifications

2 Source circuit conductor (SCC)

- Length customized based on project specs
- #10 AWG to #6 AWG conductors
- Copper
- Rated for operating temperature -40°C to 90°C
- Rated for direct burial, cable trays, or wire hangers
- Sunlight resistant
- Oil & gasoline resistant, category II
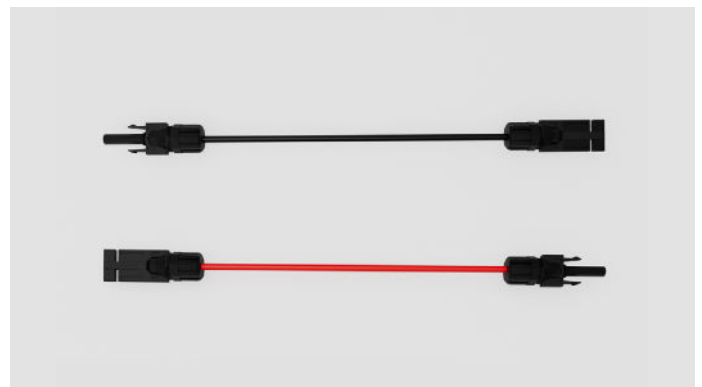- VW-1 flame rating optional
- Multiple colors available

3 Whips

- Connects SCC to box
- Can be customized based on project specs
- Avoid in-field stripping and torquing
- Save time and money with pre-installed whips that arrive attached to the box, making in-field connections faster and easier

4 Jumpers

- Ideal for connecting between rows or any gaps
- Length customized based on project specs

*Other options available upon request. Please note dimensions and weight may vary for any custom solutions. Contact us for details.