


Wire Solutions



SolarBOS 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 custom wire solutions that tackle complexity upfront delivering best in class lead times and simple on-site execution.



- Wire harness with connectors, overmolds, and branch length that are customized per your project specs
- Source circuits cut to length per wire schedule
- Factory installed whips
- Built to factory-controlled tolerances for higher quality and longevity

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 & longevity
- Unrivaled knowledge of the PV project lifecycle

Product Specs

Photovoltaic 2kV conductors standard

- #10 AWG to #6 AWG conductors
- Copper and/or aluminum
- Rated for operating temperature -40C to 90C
- Rated for direct burial
- Sunlight resistant
- Length per customer wire schedule

Connectors

- A wide range of connectors available including PV4S, MC4, and HV/UTX options
- Blunt cut for cage clamp or screw terminal

Overmolds

- “X”, “Y”, “T”. and fuse overmolds
- 2 to 30 amp crimp barrel fuses
- 1000 and 1500 VDC
- Sonic welded connections

Additional options

- Factory installed source circuit bundles and combiner box whips
- Multiple jacket colors available
- Machine labeled per customer wire schedule
- Shipped in boxes or on spools
- “Take-offs” (lengths) generated from site plan