



Ekinler Group and First Solar Ecosystem



ABOUT EKİNLER

We are proud to announce that Ekinler Endüstri is now partner with First Solar for wire harness systems.

Founded in 1984 Ekinler has always been a solution partner for major customers in electrodomestic appliances, wall hang boiler, automotive, solar energy, generator and battery sectors.

With its expert R&D and production staff, in-house mold production, plastic injection and metal forming infrastructure Ekinler is able to produce any plastic or metallic part with tight tolerances. The presence of a cable production company in the Group is one of the main strengthening point making Ekinler a more flexible and cost effective company.

IATF 16949, ISO 9001 and ISO14001 Quality Management Systems are applied throughout Ekinler's production. Major production items can be listed as cable harnesses, thermal fuses, NTC Sensors, Ozonizers, automotive glass clips, PV module junction boxes and battery jumper connectors.

As a part of Ekinler Group; Ekinler Endüstri is the first Solar Junction Box and connector producer in Turkey, while similarly Ege Kablo is the first Turkish solar cable producer.

ABOUT FIRST SOLAR

First Solar is a leading global provider of comprehensive photovoltaic (PV) solar systems using advanced module and system technology. Through determined innovation, First Solar have achieved a significant milestone by delivering solar energy that is an economically attractive alternative to fossil-fuel sourced electricity. From module sales through turnkey power plant development and operations and maintenance, First Solar is a reliable, world-class partner for clean, renewable energy generation.



First Solar Series 6™ photovoltaic (PV) module sets a new industry benchmark for reliable energy production, optimized design and environmental performance. Series 6 modules are optimized for every stage of your application, significantly reducing balance of system, shipping, and operating costs. For further details on First Solar kindly visit; www.firstsolar.com.

Our Products

Solar cable harness

Thin film solar panel cable harnesses produced by Ekinler Endüstri improves the quality and productivity of your project. Similarly it reduces field labor and as a result reduces dramatically the total installation cost of it. Ekinler Endüstri develops for you costumized cable harnesses according to your Solar PV Industry requirements. The harness design is made according to your project and following your approval the production is made according to the agreed specification. Our cable harnesses are produced with TUV approved cable and connectors. Our product is insured by Zurich Insurance Co.



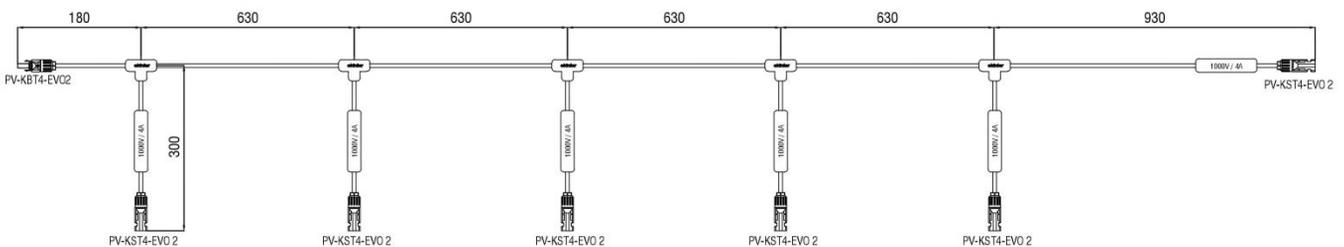
Product features



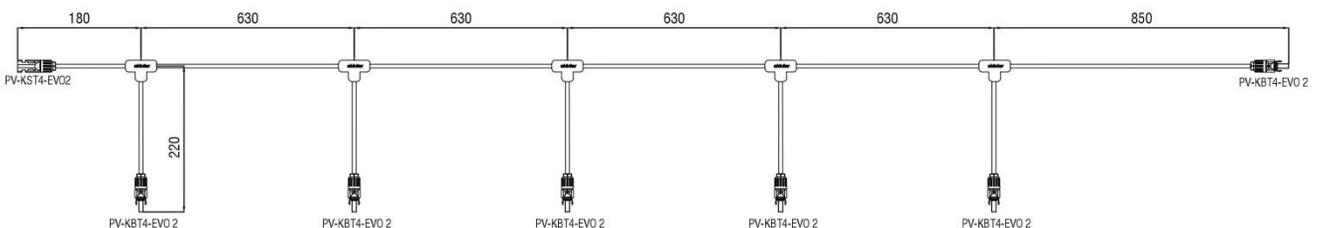
- TUV certified PV cable
- UL248-19 certified Inline Fuse
- MC4, MC4 EVO2, PC1 Connectors
- -40°C~ +85°C Temperature range
- 30A Maximum current
- 1000Vdc/1500Vdc rated voltage
- IP68 (1 Meter/1 Hour)
- 6.0mm² cable size
- Alternative harness demensions according to customer requests

Solar cable harness - Serie 4

A-TYPE (FUSED) HARNESS (+)

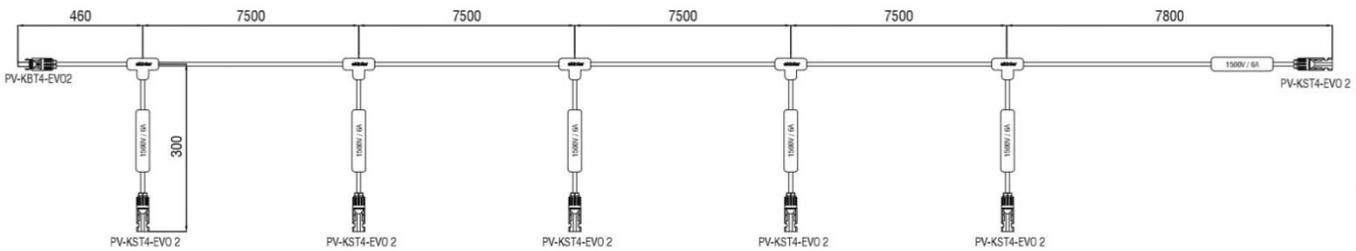


A-TYPE HARNESS (-)

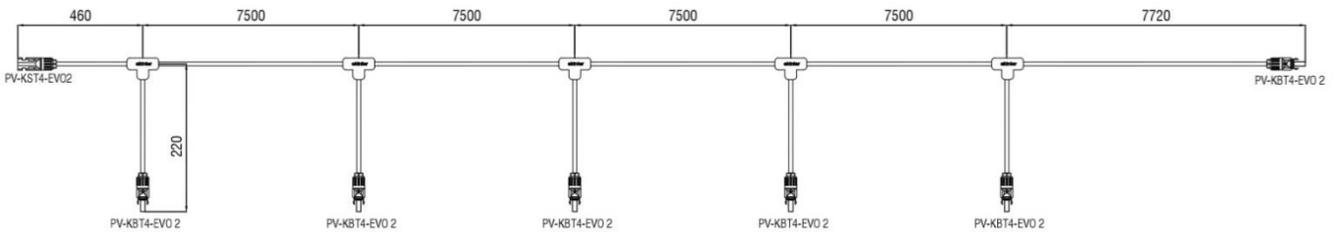


Solar cable harness - Serie 6

A-TYPE (FUSED) HARNESS (+)



A-TYPE HARNESS (-)



Solar Cable (H1Z2Z2-K)



- TÜV Certified (according to EN 50618:2014)
- Halogen-free
- Cross-linked special compound
- Double insulation
- UV, ozone-resistant, weather resistant
- Anticipated service life minimum 25 years

Solar Connectors



- TÜV Certified
- IP68 Protection degree
- UL94 -V0 Flame Class
- 4.00-6.00 Cable cross sections
- 1500V rated voltage

Junction Boxes (JB1-JB2-JB3-JB3x Series)



- TÜV Certified
- IP67 Protection degree
- UL94-V0 Flame Class
- 1500VDC rated voltage
- 15A rated current
- Cable crimping according to En 60352-2
- Insured by Zurich Sigorta



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