

# SOLARLOK PV4S-1500V CONNECTOR

- Meet new 1500V standard with UL and TUV approved product
- Help reach long system life with a product that exceeds 3 times the IEC standard aging tests



TE Connectivity (TE) introduces the SOLARLOK PV4-S 1500V connector, an upgrade to the industry leading SOLARLOK PV4 connector, which meets a minimum 1500V rating with IP68 protection. TE's SOLARLOK PV4-S connector has been tested to help ensure the reliability and safe connectivity of solar arrays. The connectors use industry standard crimp tooling that is readily available for installers today.

## BENEFITS

- Meet new 1500V standard with UL and TUV approved product
- Realize a higher yield with low connector contact resistance
- Applicable in any harsh environment due to excellent water proof protection rating
- Reach long system life with a product that exceeds 3 times the IEC standard aging tests
- Build a high quality system with connectors made of 100% virgin raw material (unrecycled)

## STANDARDS & SPECIFICATIONS

- TUV Approved
- UL Approved
- JET Pending

## MATERIALS

- Housing: PPE
- Contact: Tinned copper

## MECHANICAL

- 63mm x 24.5mm (Male)
- 59.5mm x 18.7mm (Female)
- Protection degree: IP69 (1m/24hours)

## APPLICATIONS

- Solar panels
- Inverters
- Micro inverters
- DC optimizers

## ELECTRICAL

- UL 15A and TÜV 25A for 2.5 mm<sup>2</sup> (at 85°C)
- UL 20A and TÜV 35A for 4.0 mm<sup>2</sup> (at 85°C)
- UL 30A and TÜV 40A for 6.0 mm<sup>2</sup> / 10AWG (at 85°C)
- Rated Voltage:
  - 1000V / 1500V (UL)
  - 1000V / 1500V (TUV)
- Contact Resistance 0.35mΩ

## LEARN MORE

[SOLARLOK PV4S Flyer](#)

[Product Selector Pager PV4S](#)

[4 Trends in Solar Power](#)

[SOLARLOK PV4S-1500V Connector Parts List](#)