



SOLARLOK PV4-S CONNECTOR 1500V DC

The SOLARLOK PV4-S connector is an upgrade of the industry leading SOLARLOK PV4 connector to meet a minimum 1500V rating with IP68 protection. The SOLARLOK PV4-S connector has been tested to assure reliable and safe connections of solar arrays. The connectors use industry standard crimp tooling that is readily available and used by installers today.



Applications

- Solar panels
- Inverters
- Micro inverters
- DC optimizers

Electrical

- UL 15 A and TÜV 30 A: 2.5 mm² / 14 AWG (at 85 °C)
- UL 20 A and TÜV 40 A: 4.0 mm² / 12 AWG (at 85 °C)
- UL 30 A and TÜV 45 A: 6.0 mm² / 10 AWG (at 85 °C)
- Rated Voltage: 1000V DC / 1500V DC (UL)
1000V DC / 1500V DC (TUV/IEC)
- Contact Resistance: 0.35mΩ

Mechanical

- 63mm x 24.5mm (Male)
- 59.5mm x 18.7mm (Female)
- Protection Degree: IP68 (1m / 24 hours)

Specifications

- Product Specification: [108-137077](#)
- Application Specification: [114-137077](#)
- PV4-PV4-S Intermateability: [501-137294](#)

Materials

- Housing: PPE & PS
- Contact: Tinned copper

Standards

- 1000V DC / 1500V DC UL approved - UL6703
- 1000V DC / 1500V DC TUV approved - IEC62852

Benefits

- Provides waterproof protection and is rated IP68 (1 m / 24 hours)
- Minimizes power loss by providing low contact resistance

Product Selection Information

Part Number	Description
2270024-1	Pin connector
2270025-1	Socket connector

Dimensions

