

SOLARLOK PV4-S 1500V DC

The SOLARLOK PV4-S connector is an upgrade to the industry leading SOLARLOK PV4 connector to meet a minimum 1500V rating with IP68 protection. The SOLARLOK PV4-S 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 25 A: 2.5mm² / 14AWG
- UL 20 A and TÜV 35 A: 4.0mm² / 12AWG
- UL 30 A and TÜV 40 A: 6.0mm² / 10AWG (at 85 °C)
- Rated Voltage: 1000V / 1500V (UL); 1000V / 1500V (TUV)
- Contact Resistance: 0.35mΩ

Mechanical

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

Product Specifications

- TUV Approved
- UL Approved
- JET Pending

Materials

- Housing: PPE
- Contact: Tinned copper

Key Benefits

- Low contact resistance for less power lost
- Excellent water proof protection
- Exceed 3 times the IEC standard aging tests
- Use 100% virgin raw material (no recycle) for maximum product life

Product Selection Information

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

Dimensions

