



## Introducing SOLARLOK PV4 Connector

The SOLARLOK PV4 connector is the sophisticated connectivity solution for thin-film and crystalline panel manufacturers and installers. This robust and weather-proof, IP68 compliant connector is engineered for reliable performance in demanding and harsh environments. With its audible snap-in and lock feature, the connector withstands accidental pulls without any interruptions and provides a stable and safe connection. This SOLARLOK solution, which is easy to assemble with the typical connectors and tooling in the market, offers lower contact resistance compared to our standard line and thus maximizes the total power output.

### KEY FEATURES

- Lower contact resistance compared to standard line
- Conformance with NEC 2008/11 requirement
- Audible snap-in and lock mating design
- One of highest IP68 protection in its class
- Quick and easy assembly with industry application tools

### APPLICATIONS

- Connection between panels
- Connection to inverter

### MATERIALS

- Housing: PC
- Contact: tin copper

### MECHANICAL

- Product Dimensions:  
L 62.5 mm x W 24.5 mm
- Diameter: 18.7 mm (.74 inch)
- Protection Degree: IP 68 (1 m/24 hr)

### ELECTRICAL

- UL 20 A and TÜV 35 A for 4.0 mm<sup>2</sup> (at 85 °C)
- UL 30 A and TÜV 40 A for 6.0 mm<sup>2</sup> (at 85 °C)
- Rated Voltage: 600 V / 1000 V (UL); 1000 V (TÜV)
- Contact Resistant: 0.50 mΩ typical

### STANDARDS AND SPECIFICATIONS

- UL approved
- TÜV approved

### PRODUCT DIMENSIONS

