

Figure TSOL-M350/400 installed in two different lines

**DANGER** Use a Connector Protective Cap (TSOL-MP-F/M) to make sure the unused AC connector to be closed.

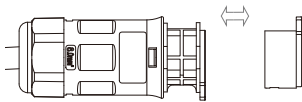


Figure Connector Protective Cap

#### Step 4. Connect AC end cable

Separate the AC connector as shown below.

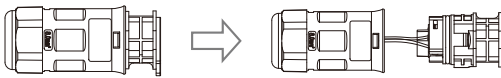


Figure Separate the AC connector

Connect the cable to the right port of the connector. The definition of the port is shown below:

L: Live (Brown/Red)  
N: Neutral (Blue/Black)  
PE: Ground (Yellow-Green)

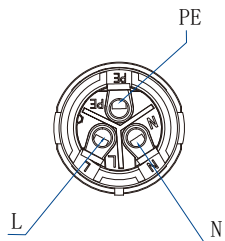


Figure Definition of the port

**! DANGER** WARNUNG Use AWG 12 (4 mm<sup>2</sup>) cable for AC end cable.  
**! DANGER** Make sure each cable is connected to the correct port.

Reassemble the AC connector as shown below.

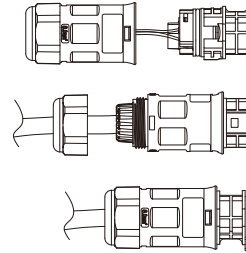


Figure Reassemble the AC connector

Plug the AC connector of the AC end cable into the micro-inverter.

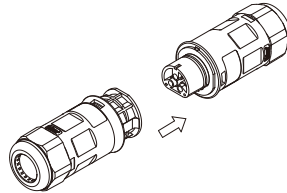


Figure Connect the AC connector

**! DANGER** To prevent electrical hazards, Make sure the micro-inverter system is disconnected from the home distribution network and the AC breaker is open.

**! VORSICHT** There are no cables for the AC end cable in the package. The installation technician is responsible for selecting a kind of AC cable and connecting the micro-inverter system into the home distribution network correctly.

#### Step 5. Connect PV module

Connect the DC cables of the PV module to the DC connectors of micro-inverter.

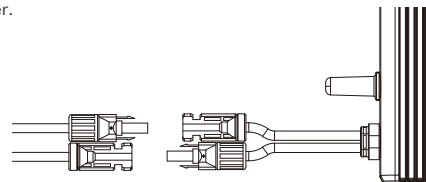


Figure Connect the DC connector

**! DANGER** When the PV module is exposed to light, it will supply a DC voltage to the micro-inverter.

**! VORSICHT** If the DC cable is too short for installation, use a DC Extension Cable to connect two PV modules to TSOL-M1600 which are installed in one line.

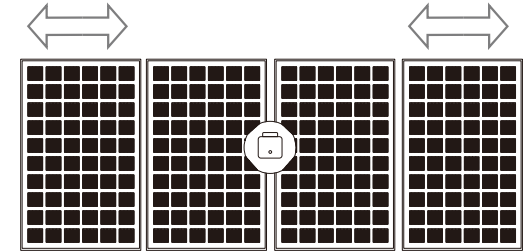


Figure TSOL-M1600 installed in one line

#### Step 6. Start the system

While installation is all finished, turn on the main utility-grid AC circuit breaker. Your system will start producing power after about a two-minute wait time.

The LED will flash green and red at start up. The definition of LED is shown as below.

| LED                 | Indicates  |
|---------------------|--|
| Fast Flashing Green | Working normally and communicate with the monitoring system      |
| Slow Flashing Green | Working normally but no communication with the monitoring system |
| Flashing Red        | The power grid is abnormal                                       |
| Solid Red           | GFDI Fault   |

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