



Quick Installation Guide

TSOL-ESK350/400/800/1600-E

Step 1. Find a suitable location

Open the package and pick up the Easy Solar Kit by the notches around the base plate. Find a suitable location and put down the Easy Solar Kit lightly.

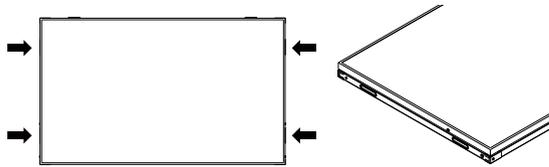


Figure Notches around the base plate



CAUTION

Please put the Easy Solar Kit on a flat and non-shadow location.



CAUTION

Easy Solar Kit has a 2.1m end cable and should be set near the socket. Or use the expansion cable as shown in Step 5.

Step 2. Open the solar panel lock

There are two solar panel locks on the base plate. Use a screwdriver to screw off the solar panel locks.

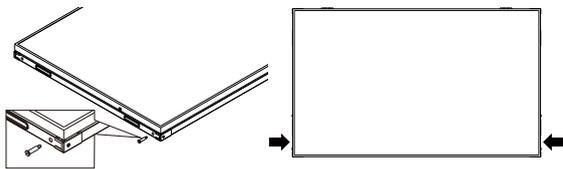


Figure Solar panel lock

Step 3. Prop up the bracket

Lift up the solar panel and prop up the bracket. Screw on the solar panel locks to fix the bracket on the base plate.

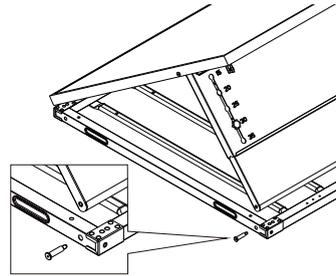


Figure Screw on the solar panel locks



WARNING

The bracket must be fixed on the base plate, which will promote the wind loading rating of Easy Solar Kit.

Step 4. Adjust the direction and angle

Pick up the base plate and adjust the direction. Make the solar panel facing the sun light.



CAUTION

Please adjust the direction at noon to get a better electric energy production during the day time.

There are two angle locks on the bracket. Adjust these two angle locks at the same time.

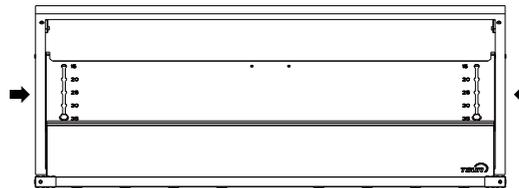


Figure Angle lock on the bracket

Lift the solar panel by one hand and use another hand to rotate the angle lock in counterclockwise direction. Slowly put down the solar panel and make the angle lock slip into the right angle. Rotate the angle lock in clockwise direction and tighten the angle lock.

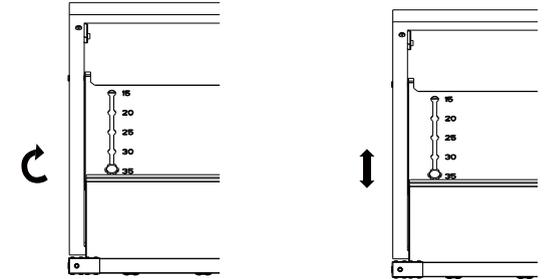


Figure Adjust the angle lock



CAUTION

Recommended angle parameters can be found in the appendix table.

Step 5. Install the Expansion Kit (For ESK800 & ESK1600)

TSOL-ESK800 has one Expansion Kit and TSOL-ESK1600 has three Expansion Kits. Install the Expansion Kit according to Step 1 to Step 4. The recommended distribution is shown as below:

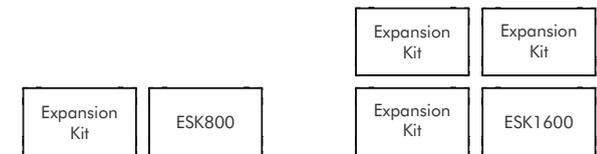


Figure The recommended distribution



WARNING

Pay attention to the distance between two ESK products and make sure that there is no shadow on the panels.

Use DC Extend Cable to connect the Expansion Kit to the ESK800 or ESK1600.

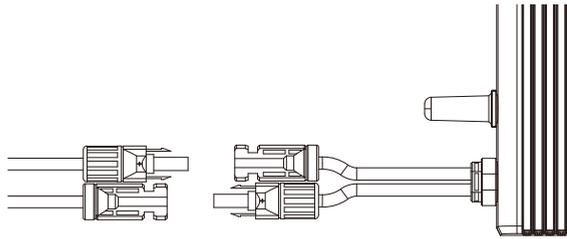


Figure Connect the DC connector

Step 6. Extend the end cable (optional)

Extension cable (TSOL-MC200-G2, 2 m) can be used to extend the end cable.
Dismantle the end cable.

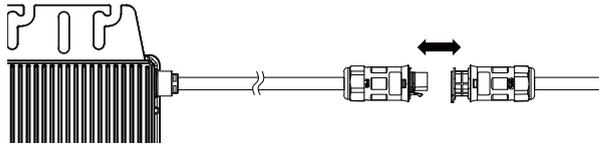


Figure Dismantle the end cable

Connect the two sides of extension cable to the microinverter and the end cable.

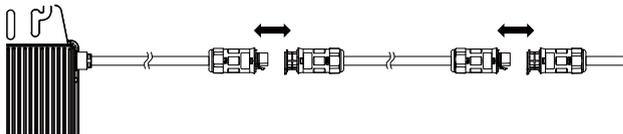


Figure Connect the extension cable

Step 7. Put weights on the base plate

Put weights (Brick, Stone etc.) on the base plate to promote the wind loading rating of Easy Solar Kit.

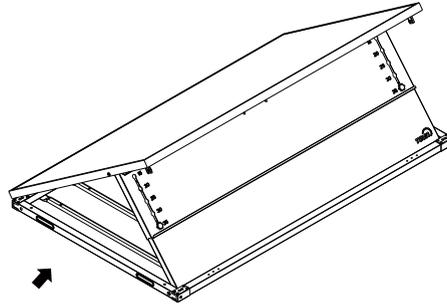


Figure weights on the base plate



CAUTION

Weights (Brick, Stone etc.) should be more than 20kg.

Step 8. Connect more Easy Solar Kit (optional)

More Easy Solar Kit can be connected together to form a whole system.
Take out the end cable of the second Easy Solar Kit. Connect the two sides of Extension Cable to the first and second microinverter.

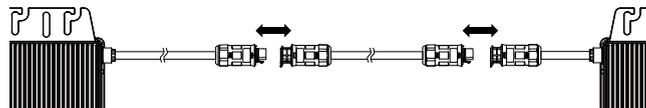


Figure Connect the Extension Cable

Optional accessories can be used to connect two base plates together.

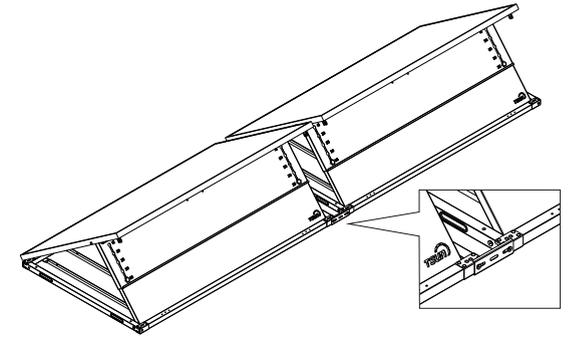


Figure Optional accessories for the connection of base plate

Step 9. Start the System

Insert the plug to the socket and the system will start producing power after about a two-minute waiting time.

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