



Quick Installation Guide

TSOL-ESK350/400/800/1600-E

Step 1. Open the ESK lock

Pick the Easy Solar Kit out of the package. Put down it slowly and make the bracket upside. There are two ESK locks on the bracket. Use a hex wrench (#5) to open the ESK locks as shown below.

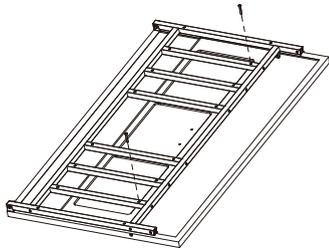


Figure Open the ESK lock

Step 2. Fix the bracket to the base plate

Lift up the base plate and the bracket. Screw on the ESK locks to fix the bracket on the base plate as shown below.

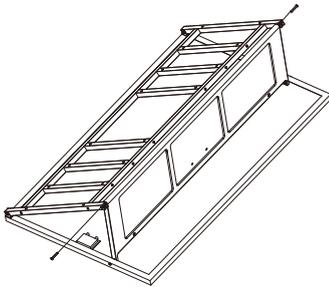


Figure Fix the bracket to the base plate



WARNING

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

Step 3. Find a suitable location

Turn around the Easy Solar Kit and make the base plate downside. Find a suitable location and put down the Easy Solar Kit lightly. Adjust the direction and make the solar panel facing the sunlight.

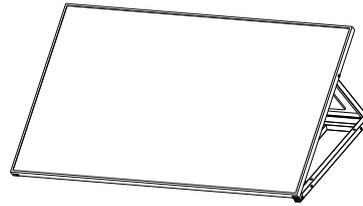


Figure Put down the Easy Solar Kit



CAUTION

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



CAUTION

Easy Solar Kit has a 2m end cable and should be set near the socket. Or use the expansion cable as shown in Step6.



CAUTION

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

Step 4. Adjust the angle of bracket (optional)

Angle Lock is an optional function for Easy Solar Kit. There are two angle locks on the bracket.

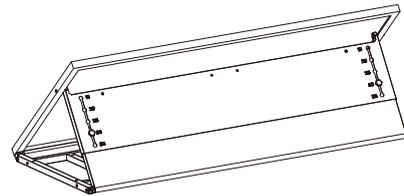


Figure Angle lock on the bracket

Use a hex wrench (#5) to open the angle locks. Slowly put down the solar panel and make the angle locks slip into the right angle. Then tighten the angle locks again.

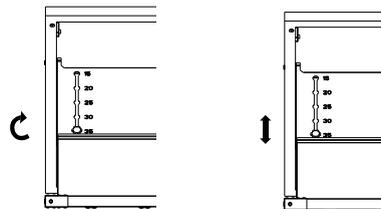


Figure Adjust the angle lock



CAUTION

Recommended angle parameters can be found in the appendix table.

Step 5. Install the Expansion Kit (optional)

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

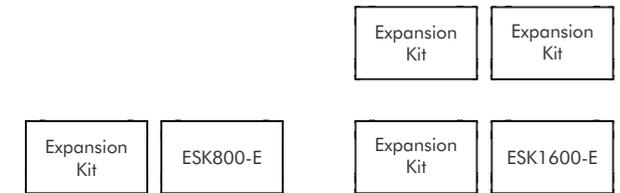


Figure The recommended distribution



WARNING

Please pay attention to the distance between two ESK products and make sure that there is

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

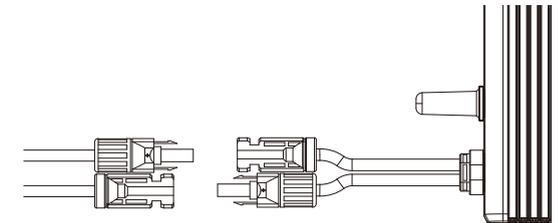


Figure Connect the DC connector

Step 6. Extend the end cable (optional)

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

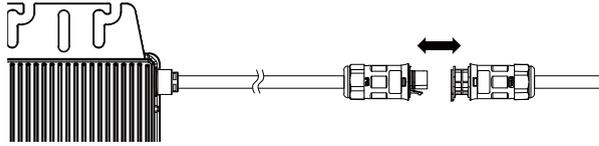


Figure Dismantle the end cable

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

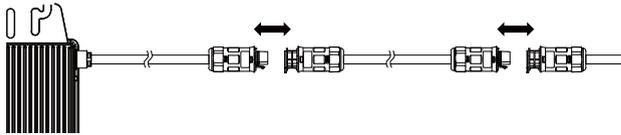


Figure Connect the extension cable

Step 7. Install more Easy Solar Kit (optional)

More Easy Solar Kits 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.

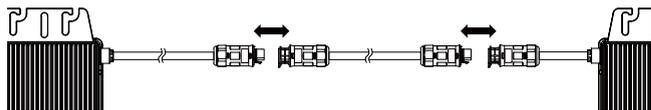


Figure Connect the Extension Cable

Base fasteners can be used to connect two base plates together.

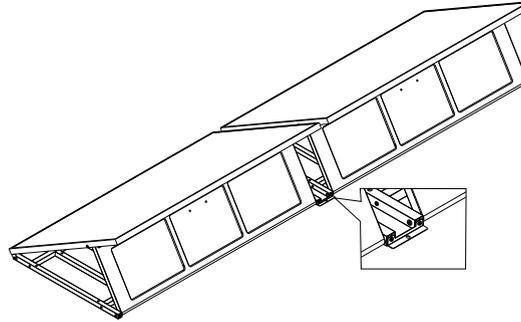


Figure Optional accessories for the connection of base plate

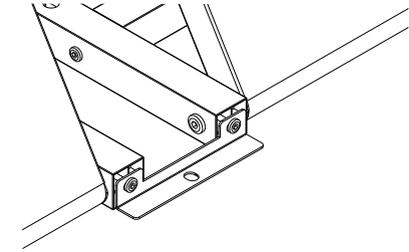


Figure Base fasteners and nails

Step 8. Fix the base plate

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

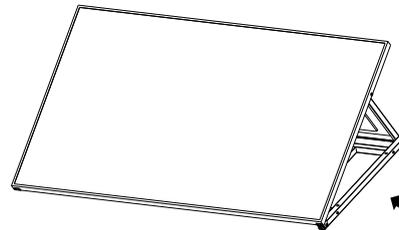


Figure weights on the base plate



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

Or use base fasteners and nails to fix the base plate to the ground.

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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