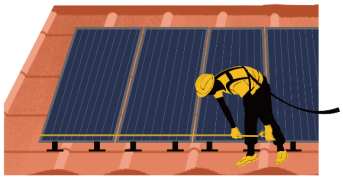
Offgridtec Protective Grid 30m

Contents

- 1 roll solar panel mesh (30mts)
- 100 units of J-hook
- 100 units of Speed Washer

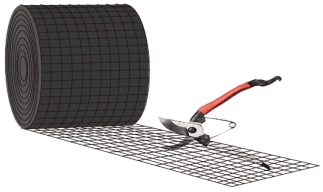
How to install (when side installation)

Step 1



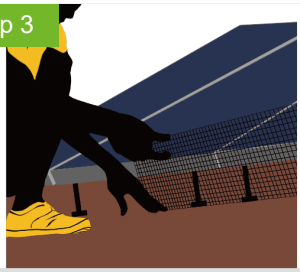
Measure the length of solar panel with a tape measure.

Step 2



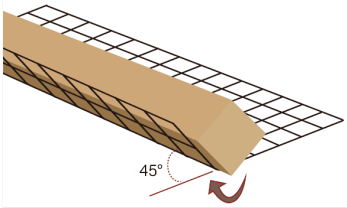
Cut the solar panel mesh according to the panel length with a wire cutter.

Step 3



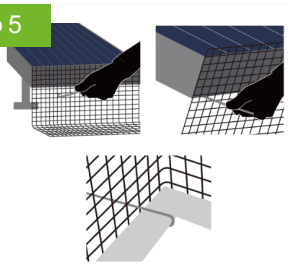
Compare the height of the solar panel and the solar panel mesh.

Step 4



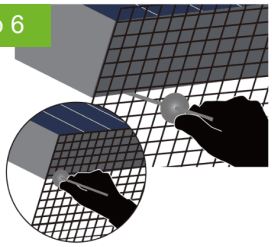
Fold the extra height of solar panel mesh at 45 degree with a square wooden rod.

Step 5



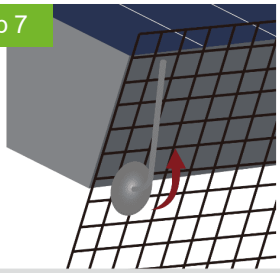
Put the hook side of J-hook through the mesh, and hook it to the panel frame

Step 6



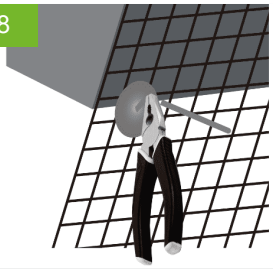
Sleeve the speed washer through the rod of J-Hook, then tighten it against the mesh.

Step 7



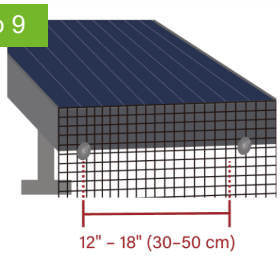
Bend the J-hook rod upwards with hands.

Step 8



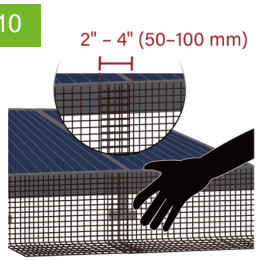
Cut off the excess portion of the J-hook rod with pliers.

Step 9



Attach J-hooks approximately every 12" – 18" (30 cm – 50 cm).

Step 10

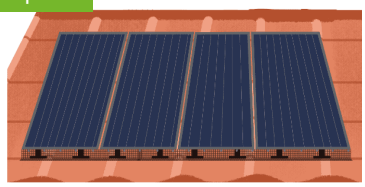


Overlap about 2" – 4" (50 mm – 100 mm) when start a new piece of mesh.

Step 11

Add J-hook and secure speed washer to fix overlapping meshes according to step 5-8.

Step 12



Solar panel meshes straight side installation is finished on rooftop.

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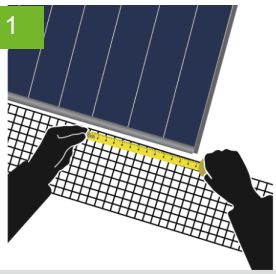
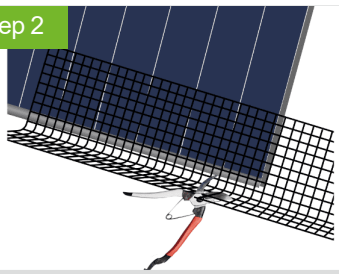
How to install (when external corner installation)

Step 1



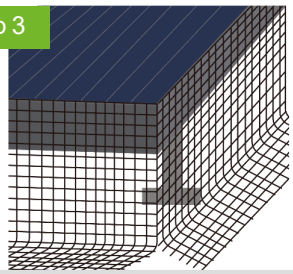
Measure to determine where the bend will go with a tape measure.

Step 2



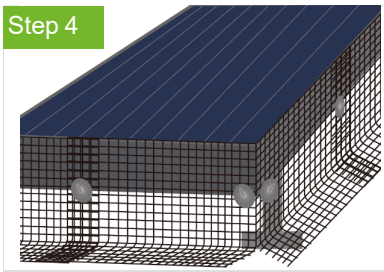
Cut the mesh a straight slit near the rooftop in the corner part with a wire cutter.

Step 3



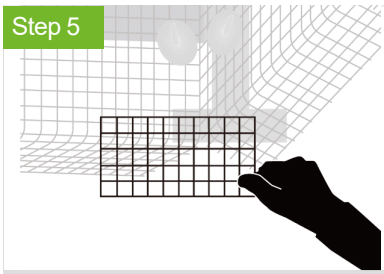
Bend the mesh along the slit at a 90 degree angle and place it around the corner.

Step 4



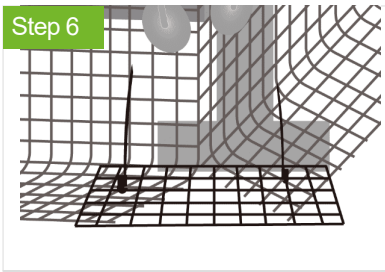
Fasten the outside corner mesh and solar panel with J-hooks and speed washers.

Step 5



Cut a small mesh about 2" × 4" to cover the gap between the corner mesh and the rooftop.

Step 6

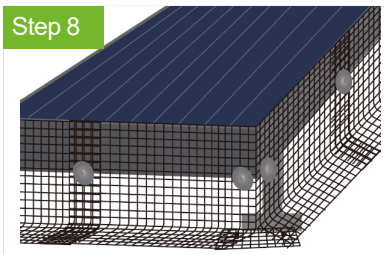


Tie the small solar panel mesh and corner solar panel mesh in place with corner zip ties.

Step 7

Cut off the excess portion of the zip ties on solar panel meshes with wire cutter.

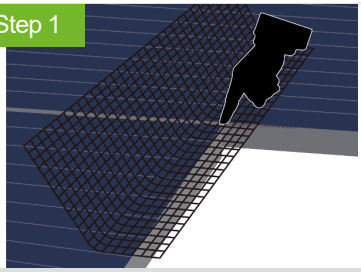
Step 8



Solar panel mesh external corner installation is finished.

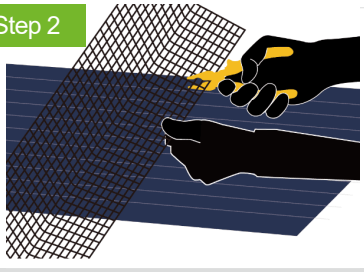
How to install (when internal corner installation)

Step 1



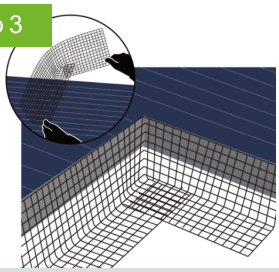
Match the mesh and solar panel corner to determine the position of the internal corner of the mesh.

Step 2



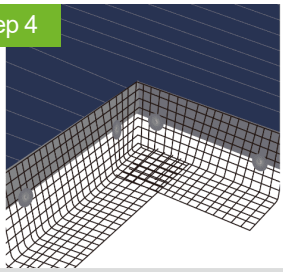
Cut a 45 degree slit at the solar panel mesh bottom with pliers.

Step 3



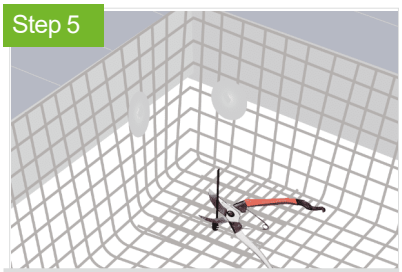
Bend 2 ends of mesh in opposite directions to overlap the cut ends.

Step 4



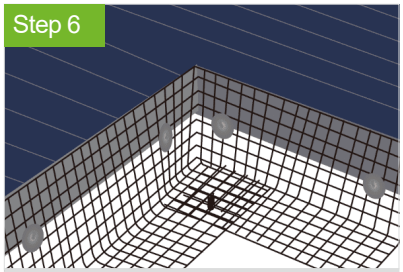
Secure both ends of the inside corner solar panel mesh with J-hooks and speed washers.

Step 5



Lock the bottom slit with zip ties. And cut off the excess portion with wire cutter.

Step 6



Solar panel mesh internal corner installation is finished.