



Titan Eco Solar Skirt Installation Instructions

Please take photos before and after the installation of the solar skirt. Eligible before and after photos that we can use on our gallery will be rewarded by vouchers (Amazon vouchers for residential customers, discounts for installers) as we look to build our gallery of successful solar panel system transformations.

Always use appropriate access. Be safe!!

Our solar skirt is quick and easy to fix, with all cutting to shape being done on the ground. Clamps can easily be fitted to the panels and then the installation of the skirt is straightforward.

Tools required

- 4mm allen (hex) key
- Hacksaw or portable circular saw with aluminium cutting blade for cutting skirt lengths and a Rafter Square (angled measure guide tool)
- Compound sliding mitre saw with aluminium cutting blade (for cutting corner sections – or buy our pre-cut corners kits)
- Tin snips & pliers (if notches have to be cut out for bigger clamps)
- Safety equipment including safety eyewear

##Top Tip## Do not overtighten the skirts as this may cause the sheet metal to warp

##Top Tip## Its advisable to take up more than one Allen Key in case one is dropped to reduce the number of trips up and down

Front Skirt Section Only

1. Fit single clamp approx. 10cm from end of panel, tighten long grub screw with fingers and then tighten with allen key, ensuring that the clamp is sitting properly against the panel.
2. Fit the double clamp 1200mm from the end of the panel so that it will hold the first skirt and the next one to join them.
3. Slide skirt into smaller clamp, lining the end up with the end of the panel, and tighten small grub screw with allen key.
4. Ensure at least 2 clamps per skirt.
5. Cut the last skirt as needed
6. Take photos and send them to us with your before photos showing the transformation



Complete Solar Skirt Surround

To fit the solar skirt as a complete surround it is best to cut the corners first and fit them, and then fill in the gaps between the corners with skirt.

1. With a sliding compound mitre saw with an aluminium cutting blade, or hacksaw, cut a 1.2m length into half and at each end cut a 35 degree angle cut (**or buy our pre-cut corner kit**). This will then form your outer and inner corners.
2. Fit a single clamp approx. 10cm from each corner and a double clamp approx. 1.1m from each corner so that it can be used to join 2 lengths together. Fit the solar skirts to each corner so that they form a perfect fit.



3. For covering end clamps and rail there are 3 main ways to deal with these that we have found

- a. Some clamps can be covered by the skirt



- b. Some bigger end clamps (Variosole clamps that we have seen) are too big for the skirt but can easily be dealt with by cutting out a small notch out of the skirt



- c. Bigger clamps or large bits of rail can be dealt with by cutting the skirt to size between the gaps

4. Fit the remaining skirts between the corner pieces as required, ensuring at least 2 clamps per skirt, preferably 3 per 1.2m section. To fit the skirt its possible to either
 - a. Cut the skirt to size. This tends to look neater but takes longer.
 - b. Overlap the skirt, it can be doubled up in the clamp. This is quicker, involves less cutting and gives the skirt more support.
 - c.
5. Take a photo of your sleeker looking, more attractive, and bird proof, PV system, and send them to us.