

PV Logic[®]

Roof Brackets



Solar
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User manual



Aluminium Angle Brackets

Part number: SKA08

Important: please read before first use.

Technical helpline 01684 774 000



Fitting Instructions

Attach the four aluminium fitting brackets to the side of the panel using the supplied stainless-steel screws, the brackets are normally attached to the longest side of the solar module at either end ensuring the brackets are flush with the top of the panel frame (thereby leaving a gap between the bottom of the panel frame and the roof). The stainless steel screws are best placed at the frame centre, avoid inserting the screws at the top of the frame as the glass may be damaged. When drilling the pilot hole keep the drill (3.2mm) bit as level as possible to avoid damage to the glass.

Place the panel on the roof position where it is to be fixed and draw a pencil line around the footprint of the brackets.

All areas that are to be bonded, can be roughened with an abrasive material, this will increase the surface area and improve the strength of the bond.

Ideally the panel should be fixed above the cable entry hole. Clean the area on your motorhome, caravan or boat where each bracket will be secured. Clean all contamination and debris, using an alcohol-based fluid or wipe for final cleaning, this will remove any residue or grease from the surface and ensure a good bond between the bracket and the roof material. Also clean the feet of the brackets. (Make sure all components to be bonded are clean, oil free and dry).

Apply the bonding agent (around a 6mm thickness of bonding agent is ideal) to the edge of each bracket and then, possibly with assistance, turn the panel so that the solar cells are facing upwards and bond the panel to the roof, positioning the brackets in the pencil lines previously marked. Alternately, the bonding agent can be applied to the roof material and the panel placed on.

Bed the panel down firmly, do not press down so that all bonding agent is expelled, leave 2-3mm of bonding agent between surfaces.

Some larger panels (150+) may need six brackets, four fitted as detailed, with one extra bracket in the middle of the longest side.

Note – bonding agent requires 24 hours to properly cure. We would therefore recommend that the vehicle is not moved for this period.



We want your photos and videos!

Here is your chance for you and your solar panel to be a star! Just send in pics or videos of you and your solar panel in a great location and if selected we will not only give you ever lasting recognition on our online favourite users wall of fame but we will send you a Freeloader Sixer, 6000mAH solar power bank worth £70 completely free!

Please send to hello@solartechnology.co.uk including your address details and best of luck!

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