



# TripSolar

## ABS Plastic SLB Series Solar Panel Mount Kits

(Ideal for RV, Boat, Caravan, Ambulance and other Mobile Applications)



The TripSolar SLB Series Solar Panel Corner Brackets can be used with any sized aluminum framed solar panel to provide a secure mounting to RVs, boats and many flat surface applications. The solar corner mounts will support the solar panel at the optimum height above the surface to enable airflow from underneath, ensuring the solar panel functions as efficiently as possible.

Depending on the size and weight of the solar module and particularly if mounting the panel to a vehicle, it may be worth considering the addition of a side mount set (Available Separately) for additional support of the long sides of the panel, but for many installations the corner brackets are sufficient.

Solar panel mounts are an ideal way to affix solar panels to the roof or deck of motor homes and boats.

The mounts can be safely bonded to the surface eliminating the need to drill holes.

The mounts also act as a wind deflector and maintain the correct air gap between the solar panel and the roof top / deck.



Black/white ABS plastic

Installation instructions included below

Suitable for all aluminum framed solar panels

Larger panels may require additional side mount brackets, please call your local dealer for details.

Recommended bonding agent is Sikaflex 715



### Installation Manual:

1. You will need to drill a clearance hole in the ABS brackets at the appropriate recessed ports. Place the panel mounts on a flat surface, then position the panels onto the mounts. Drill a pilot hole through mount directly into panel frame.



When drilling the holes in the solar panel frame to attach the bracket try and drill the hole more towards the center of the panel frame to avoid any damage to the solar panel glass and cells.

2. Attach the brackets to the solar panel frame using a self-tapping stainless steel or galvanized screws.
3. Mark the mounting location for the panels on the surface to which the panels will be mounted.
4. After applying the Sikaflex-715 to your brackets install them to your pre marked position on your roof. Ensure you have the panel orientated so the wires/cables coming out the back are on the correct side. Following the Sikaflex-715 installation instructions that come with the Sikaflex product; lightly press down over the top of each bracket to ensure the Sikaflex-715 makes a good contact with all surfaces.



5. Refer to the Sikaflex instructions and allow the required time for the Sikaflex-715 to completely dry before connecting the wires/cables.

**HELPFUL TIP:** To help reduce the wires flapping on the roof while you are travelling put some Sikaflex-715 on the wires in various places and adhere them to the roof.

6. While you are waiting for the Sikaflex-715 to dry, install your PV Charge Controller in the permanent position you have previously chosen. It is recommended the PV Charge Controller should be installed in a dry, sheltered location away from sources of high temperature and moisture.



Please note these instructions are a simple guide for the installation of the SLB Series ABS Plastic Panel Mounts.

It is most important you follow the Sikaflex (or other manufacturer) instructions to ensure the panels are mounted safe and secure.

TripSolar cannot be responsible for any damages and/or injuries caused by incorrect installation.

## **TripSolar**

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