

Manual

Module Mounting Kit Easy Mount One & Two

390569, 390570 • 09/2020

Please read the assembly instructions before proceeding!



Dear customer,

We congratulate you on the purchase of this Phaesun brand quality product. Please read the following assembly instructions carefully before mounting the product. In case of any questions, or if you require further information, please contact your specialist dealer.

Packaging contents:

Easy Mount One

- 4 x holder for solar panel (load capacity up to 7,5 kg/solar panel)
- 1 x cable gland M16 (protection class IP68)
- 1 x assembly instructions

Easy Mount Two

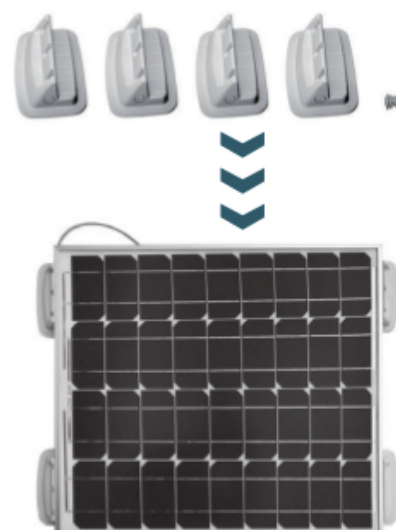
- 2 x additional brackets for solar module (extension of the load capacity to 13 kg/solar module)
- 1 x assembly instructions

Tools required:

- Cordless screwdriver
- Screw bit
- Steel drill 3,5 mm
- Quick-helix drill 16 mm
- Cleaning rag

Additionally required material:

- 12 x self drilling screw 4.8 x 25 (Art. 391013) 3 pcs. per profile for screwing the module frame (note assembly instructions of the module manufacturer)
- When using TEC7, the profiles must be fixed in the roof with screws. Recommended self drilling screw 4.2x16 (Art. 391012), 6 pcs. per profile
- Assembly adhesive TEC7 and Cleaner TEC7 assembly adhesive or complete set Easy Bond 1, 2 and 3 (Art. 390605, 390606, 391383)
- Assembly adhesive Sikaflex252, Sika Aktivator 205 and Sika Primer 210 or complete set, MT-Stick 1, 2 (Art. 102711, 102712)
- From a module length of 1100 mm a intermediate mounting Easy Mount Two (Art.390570) is required



Mounting



Step 1

Careful pretreatment of all bonding surfaces e.g. with TEC7 Cleaner or Sika Aktivator-205 and Sika Primer 210 according to the instructions of the corresponding adhesive set.



Step 2

Attach the holders loosely at the desired position under the solar panel. The contact surfaces of the holders should have an angle of 90° towards the moving direction.



Step 3

If you use one of the holders as a cable feedthrough: Open the lateral mark with the quickhelix drill (16 mm).

Attention! The hole mark is not a pre-terminated breaking point, but must be drilled! Use stainless steel screws to prevent corrosion! If you use one of the holders as a bushing through the roof, insert the cable before glueing.

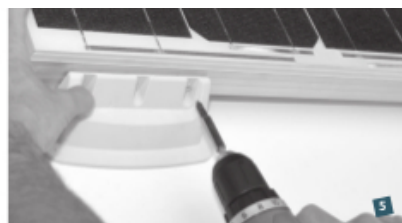


Step 4

Screw the cable gland in the holder.

Step 4a

Drill a hole in the roof covering. Lead the cable from inside through the roof covering, screw it from the backside in the cable gland and lead it out of the holder. Make sure you have enough cable length to connect the module. Tighten the cable gland once the holder is finally fixed to ensure the assembly holds tight.

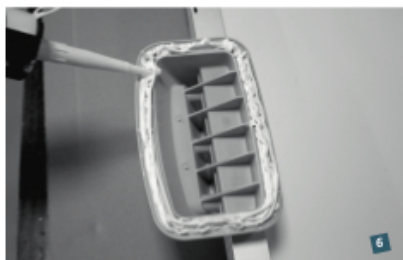


Step 5

Screw the holders to the solar panel.

Step 5a

Mark the final position on the roof covering.



Step 6

Fill the mounting adhesive in the adhesive joints at the bottom of the holders, e.g. TEC7 Glue or Sikaflex-252 (observe manufacturer instructions).

Please note: If you use the TEC7 glue, an additional threaded connection is necessary. Please have in mind to apply the glue consistently to ensure an optimum insulation against water.



Step 7

Fix the solar panel unit on the roof by pressing it gently to the covering (adhesive should spread out evenly on all sides).

Please note: The recesses on the edge of the holder may serve as a centering aid if you wish to fix the solar panel on the roof covering.

Care and safety information

The Easy Mount holder set for solar panels is mostly maintenance-free due to the applied materials. The holder elements meet the highest stability and safety requirements and are tested and certified by the Technical Control Board (TÜV). Nevertheless, we recommend regular controls which should include the following:

Safety

Tightness and stability of the holders should be checked in regular intervals, particularly before departure. The setting time is between 12 – 24 hours.

Inspection

- of the holders on damages or dirt
- of all adhesive joints on damages and density
- of all threaded joints on tightness and tighten again if necessary
- of the cable gland on damages and tightness.

General

Use only cleansing agents for plastics, pure water, or mild, customary cleaning agents for cleaning the holders. Do not use polishing agents or scrubbing powders, alcohol, cellulose thinner, acetone, or any caustic agent. We accept no liability for damages caused by the use of inappropriate cleaning agents.

Additional checks are recommended after unusually severe storms, or other unusual events that may affect the holders.