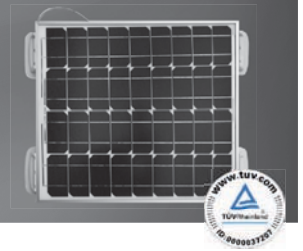


# Installation instruction: Module Mounting Kit PN-MBP Set 1



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.

## Please read the assembly instructions before proceeding!

### Packaging contents:

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

### Tools required:

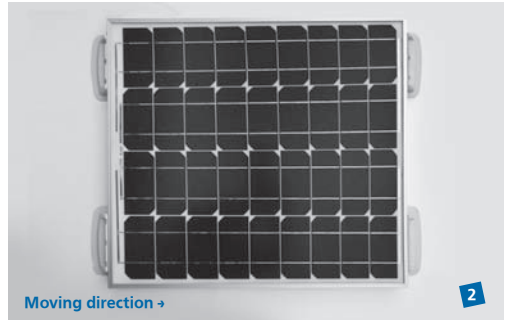
- Cordless screwdriver
- Screw bit
- Steel drill 3,5mm
- Quick-helix drill 16mm
- Cleaning rag

### Additionally required material:

- 12x drywall screws 4x15 mm (please observe mounting instructions of solar panel manufacturer)
- Phaesun recommends:  
Mounting glue set  
PN-Tec Glue Set 1 and 2  
(art.no. 390605, 390606), or
- Tec7 Cleaner or Sika Aktivator-205 (cleaner 205)
- Mounting glue Tec7 or Sikaflex-252



## Mounting



### Step 1

All the surfaces where glue is applied must be first cleaned carefully, e.g. with Tec7 Cleaner or Sika Aktivator-205.

### 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.

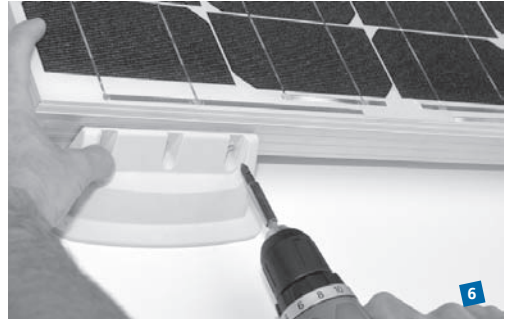
### Step 3

Drill the screw holes.

### Step 4

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

**Attention:** The hole mark is not a predetermined 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 5

Screw the cable gland in the holder.

### Step 5a

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 6

Screw the holders to the solar panel.

### Step 6a

Mark the final position on the roof covering.

### Step 7

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 mounting adhesive Tec7 and Sikaflex-252, additional screw joints are not required. Please ensure that the adhesive is applied without spacings to guarantee an optimised protection against water.

### Step 8

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

## Care and safety information

The PN-MBP 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.

## 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.

**Ask for more Phaesun quality products in your specialist shop.**

\* In accordance with §§ 23 German Road Traffic Regulations, 30 German Road Traffic Licensing Regulation the driver is responsible for the compliance and safety of the vehicle and has to convince oneself of it in each case before departure in a possible and reasonable way.