



## Railing bracket for solar panel SW-5065, SW-3064

The railing bracket HR-5065, HR-3064 will be clamped at the rigid part of the railing. By adjusting the solar panel rectangular to the sun, power increase of 20% possible.

### Product Features

- suitable for 25mm railing tubes
- bracket 360° rotatable
- position of axis adjustable
- sandwich carrier plate 6mm
- watertight cable plug
- angle housing with flange
- pre-assembled, ready to install
- sea-/ saltwatertight
- no sharp corners or edges
- maintenance-free, weather-resistant

HR 5065, HR 3064 are robust panel brackets, also designed for high wind loads. Module can be rotated around the tube axis and clamped by a handwheel screw. HR 5065, HR 3064 are easily and quickly removable.

The flexible adjustable bracket ensures optimal orientation to the sun and allows performance improvement of up to 20% compared to a horizontal mounting. Another advantage: Low shadowing, because the module almost outside of the shadows cast by the rig.

All mounting bolts, nuts, washers and cable clamps are included in V4A quality. For assembly only a screwdriver and wrench set, no additional tools are required.

		HR-3064	HR-5065
Length l	[mm]	638,0	780,0
Width b	[mm]	459,0	460,0
Rail distance a	[mm]	320,0	400,0
Cable distance k	[mm]	287,0	324
Panel mounting screws for tube diameter	[mm]	4 pieces 25,0	4 pieces 25,0
Weight netto	[kg]	4,0	5,6
Weight brutto	[kg]	5,4	7,6
Packaging: 2x parcels		yes	yes
suitable for solar panel		SW-3064	SW-5065

Technical changes reserved. State 4/2013

## Set contents

The module bracket is delivered preassembled and ready confectioned. The set consists of:

- 1 x carrier plate
- 2 x support rails with clamp slide
- 2 x clamp bushings for 25mm pipe
- 4 x countersunk screws M5x20mm, washer, nuts V4A
- 4 x countersunk screws M4x18mm, washer, nuts V4A
- 4 x screw rosettes white
- 4 x cable clamps black
- 4 x pan head tapping screws 3,5x6,4mm V4A
- 1 x double-sided acrylic adhesive tape

## Installation

First, the support rails are screwed onto the support plate.

The existing panel will be glued with double-side tape and later screwed onto the carrier plate. When placing the panel onto the double-side tape watch for the right position.

Puncture screw holes with a nail. Drive the 4 screws with the white screw rosettes through the panel for additional secure. The screw rosettes prevent the laminates to get a cut by the screw head.

The cable can be fixed with the cable clamps.

## RANGE OF APPLICATIONS



- For motor boats and sailing yachts
- sea buoys

## DIMENSIONS

Technical drawings at [www.sunware.de/download](http://www.sunware.de/download)

