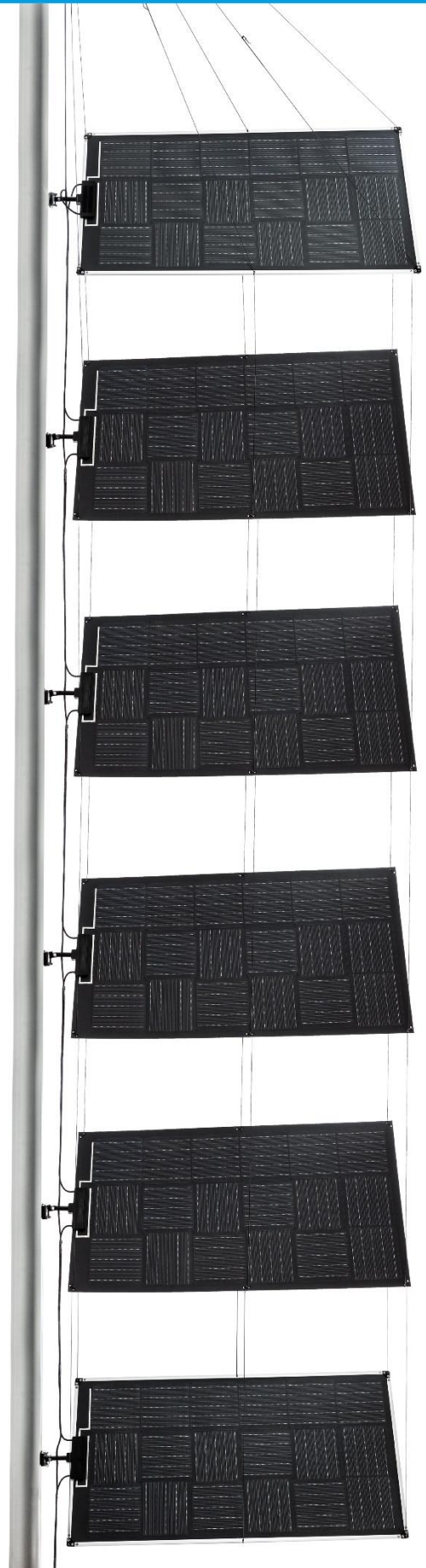


Datasheet: FLINsail







FLINsail - Solar modules for pole mounting

The FLINsail is a modular solar system that is hoisted and guided in the mast groove like a sail. With the help of the patented FLIN mast sliders, the FLINsail can be clicked into the mast groove above the mainsail. Due to its sliding bearings, it can be optimally aligned to the sun and thus achieves maximum efficiency. The solar modules can be synchronously aligned with the guide lines. The number of solar modules of the FLINsail is adapted to the energy consumption of the sailing yacht. Due to the modular design, versions with two to six solar panels are possible.



Datasheet: FLINsail

Technical data

						
Model	2 M light	2 M tough	3 M	4 M	5 M	6 M
Dimensions*	1150 mm x 550 mm x 1.5 mm**					
System height	3.37 m	3.37 m	4.37 m	5.37 m	6.37 m	7.37 m
Min. mast height	5.5 m	5.5 m	6.5 m	7.5 m	8.5 m	9.5 m
Cabel length***	1000 mm					
Plug type	MC4					
Pack size	1150 mm x 550 mm x 130 mm					
Weight incl. bag	6.5 kg	7.5 kg	9.0 kg	10.5 kg	12.0 kg	13.5 kg
Max. wind speed	18 kn	28 kn	18 kn	16 kn	14 kn	12 kn
Power	200 W	200 W	300 W	400 W	500 W	600 W
V_{oc}	26.0 V	26.0 V	39.0 V	52.0 V	65.0 V	78.0 V
I_{sc}	9.7 A					
V_{MPP}	22.0 V	22.0 V	33.0 V	44.0 V	55.0 V	66.0 V
I_{MPP}	8.9 A					
Protection class	IP67					

* The dimensions refer to one module.

** The top and bottom modules are reinforced with a 10 mm high frame. Excluded from this is the 2 M-FLINsail light.

*** The cable length is measured from the bottom module.

Note: The data listed are guide values which are subject to a production-related tolerance.

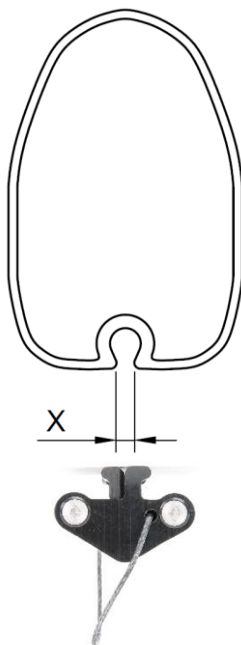
Datasheet: FLINsail

Mast sliders

We offer our functional FLIN mast sliders for all common mast grooves and T-rails. The FLIN mast sliders can be inserted into the mast groove above the mainsail or placed on the T-rail. This means that the mainsail does not have to be unthreaded in order to place the FLINsail above the furled mainsail.

To find the appropriate FLIN mast slider for your mast system, measure the width of your mast groove or T-rail as shown below.

Mast groove



T-rail

