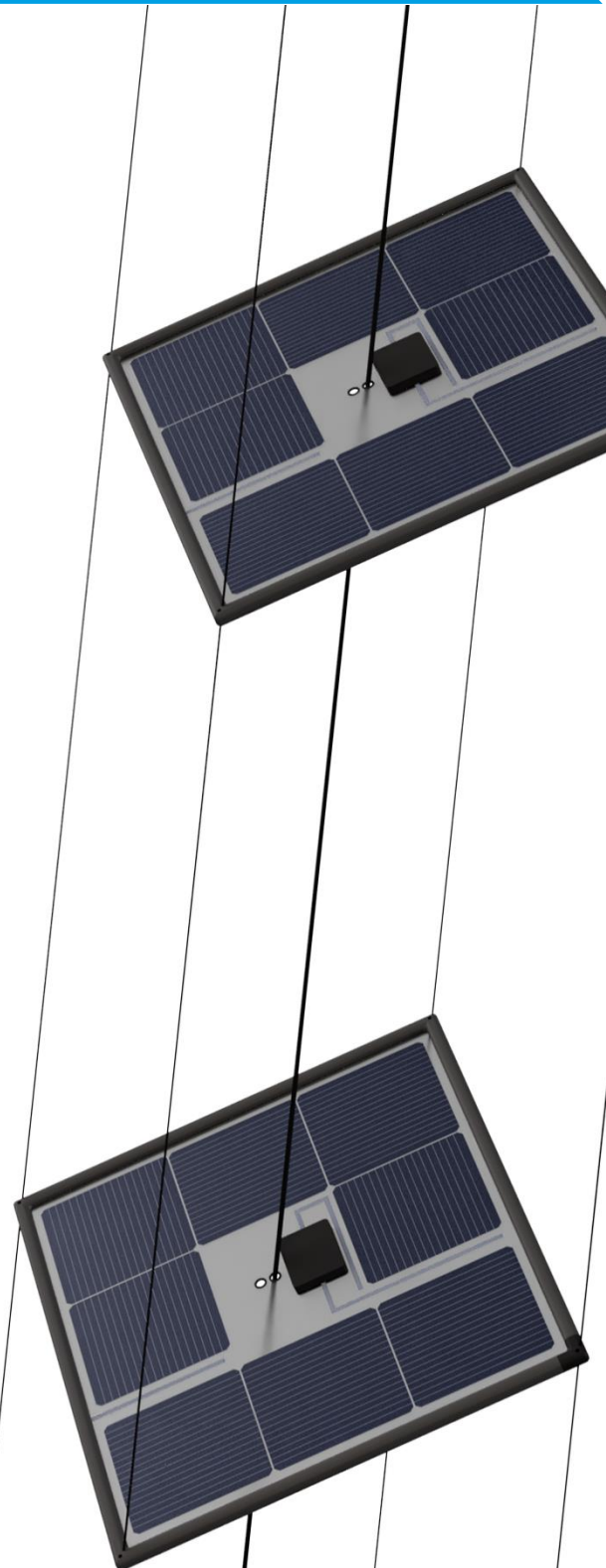


Datasheet: FLINKite⁺






FLINKite⁺ – Flying solar modules

The handy FLINKite⁺ can be used flexibly, is set up quickly and delivers considerable daily yields. The square solar modules are placed over a halyard (e.g. spi halyard) and held in position by the center line of the system. The guide lines converge in a clamp, which is raked into the railing by means of the carabiners. Via the guide lines, the solar panels can be aligned around two axes so that they always point towards the sun. The bifacial solar panels also use their backside to generate energy: The light reflected from the water, which is captured by the back of the transparent solar panels, allows the FLINKite⁺ to gain even more energy. When the solar system is not needed, it can be stored in the small FLINbag.



Datasheet: FLINKite⁺

Technical data

					
Model	2 M	3 M	4 M	5 M	6 M
Dimensions*	575 mm x 545 mm x 1.5 mm**				
System height	3 m	4 m	5 m	6 m	7 m
Min. mast height	4.5 m	5.5 m	6.5 m	7.5 m	8.5 m
Cabel length***	1000 mm				
Plug type	MC4				
Pack size	680 mm x 565 mm x 100 mm				
Weight incl. bag	3.5 kg	4.5 kg	5.25 kg	6 kg	6.75 kg
Max. wind speed	28 kn	20 kn	18 kn	16 kn	14 kn
Power	90 W	135 W	180 W	225 W	270 W
Power bifacial	100 W	150 W	200 W	250 W	300 W
V_{oc}	22.74 V	34.14 V	45.52 V	56.88 V	68.26 V
I_{sc}	4.85 A				
I_{sc}, Bifacial	5.34 A				
V_{MPP}	19.92 V	29.86 V	39.82 V	49.78 V	59.74 V
I_{MPP}	4.45 A				
I_{MPP}, Bifacial	4.9 A				
Protection class	IP67				

* The dimensions refer to one module.

** The top and bottom modules are reinforced with a 16.5 mm high frame.

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

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