

## Datasheet: FLINrail<sup>+</sup>

### FLINrail<sup>+</sup> – Solar modules for the railing

The FLINrail<sup>+</sup> is the perfect solar solution for retrofitting. With no complex installation required, the solar panel simply hooks into the railing and can be used both at anchor and while sailing. Depending on the requirements, a choice can be made from the two available variants: The bifacial FLINrail<sup>+</sup> 50 W<sup>+</sup> and the bifacial FLINrail<sup>+</sup> 100 W<sup>+</sup>. Bifacial solar modules allow energy to be generated from both sides and are therefore particularly advantageous in diffuse light conditions.

The FLINrail<sup>+</sup> hooks quickly and easily into the railing wire. A line runs out of each corner and disappears into the frame of the solar panel. The loose ends are hooked into the foot railing or the lower railing wire using the carabiners. When the FLINrail<sup>+</sup> is aligned, the loose lines pull themselves into the frame of the module and tighten with the push of a button. With the help of the four clamps in the corners, the FLINrail<sup>+</sup> can be fixed steplessly at any angle.



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### Technical data

		
<b>Model</b>	FLINrail+ 50W+	FLINrail+ 100W+
<b>Dimensions</b>	610 mm x 560 mm x 20 mm	1070 mm x 560 mm x 20 mm
<b>Cabel length</b>	1000 mm	
<b>Plug type</b>	MC4	
<b>Weight</b>	1.6 kg	2.5 kg
<b>Max. wind speed</b>	25 kn	
<b>Power</b>	50 W	100 W
<b>Power bifacial</b>	60 W	120 W
<b>V<sub>oc</sub></b>	12.8 V	25.8 V
<b>I<sub>sc</sub></b>	4.85 A	
<b>I<sub>sc</sub>, Bifacial</b>	5.35 A	
<b>V<sub>MPP</sub></b>	11.2 V	22.6 V
<b>I<sub>MPP</sub></b>	4.45 A	
<b>I<sub>MPP</sub>, Bifacial</b>	5.31 A	
<b>Protection class</b>	IP67	

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