

Datasheet: FLINpole⁺

FLINpole⁺ – solar module for attachment to the pushpit


The FLINpole⁺ can be attached to the pushpit or to an equipment carrier via the pre-mounted clamps. With the help of the lines and the integrated clamp, the solar module can be aligned as desired, making it particularly efficient. In addition, the back of the bifacial solar module captures light reflected from the water and deck.

Due to the alignability and the double-sided use, the solar module is used extremely efficiently, so that even with a small solar surface a considerable energy yield is given. Due to the light and very rigid construction, the system is extremely wind stable. The FLINpole⁺ is the perfect solution for permanent charging of the battery.



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Technical data

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| Model | 50 W ⁺ |
| Dimensions* | 640 mm x 550 mm x 1.75 mm ^{**} |
| Total height | 1150 mm |
| Cabel length*** | 1000 mm |
| Plug type | MC4 |
| Weight incl. pole | 2.8 kg |
| Max. wind speed | 30 kn |
| Power | 50 W |
| Power bifacial | 65 W |
| V_{OC} | 24.0 V |
| I_{SC} | 2.7 A |
| I_{SC}, Bifacial | 3.5 A |
| V_{MPP} | 20.0 V |
| I_{MPP} | 2.5 A |
| I_{MPP}, Bifacial | 3.3 A |
| Bypass diodes | 2 |
| Protection class | IP67 |

* The dimensions refer to the module only.

** The module is reinforced with a 16.5 mm high frame.

***The cable length is measured from the bottom edge of the pole.

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