

Wing50

Foldable High-Power Solar Module

Product Description

The new foldable high-performance solar module Wing50 is the powerful mobile power source for motorhomes, boats, e-bikes or other small electric vehicles. A pedelec battery can be fully charged in 6 to 8 hours. With the 6 large eyelets at the edges, the module can be easily strapped on boats, tents or even between trees. The Wing50 has the size of a small briefcase when folded up and is one of the smallest and lightest folding solar charger in its power category, with a size of approx. 0.3m² when unfolded.

With its structured surface and elegant contact-free high-efficiency solar cells, the module is a real eye-catcher. It is extremely robust, waterproof and shows practically no degradation even after several years of use, due to the use of a highly stable fluoropolymer front foil. Unlike conventional modules, the Wing50 uses highly efficient and above all break-proof monocrystalline solar cells in a glass-fiber-reinforced laminate, which still deliver full performance even under strong mechanical stress and vibrations.

The 2.5m long connection cable can be connected directly to a variety of larger 12V power banks with its standard hollow plug. It is also possible to charge 12V lead batteries or 12.8V iron phosphate batteries, e.g. the on-board battery in a motorhome or boat, using an optionally available charge controller. Optionally the Sonnenrepublik offers high-capacity powerbanks and power stations with 12V DC and 230V AC.

Technical Data

* at Sunlight 1000W/m² and 25°C module temperature

	Dimensions (mm) folded / open	Weight (kg)	Rated power* Pmpp (Wp)	Rated voltage* Umpp (V)	Real current (A) @ 12.6V
Wing50	300 x 285 x 30 / 1150 x 285 x 5	1,8	50	18,5	2,8

Connection: Cable 2.5m / 2x 1.5mm² + DC round plug 5.5/2.1mm

Warranty: 2 years, power guarantee 5 years on 90% of rated power

