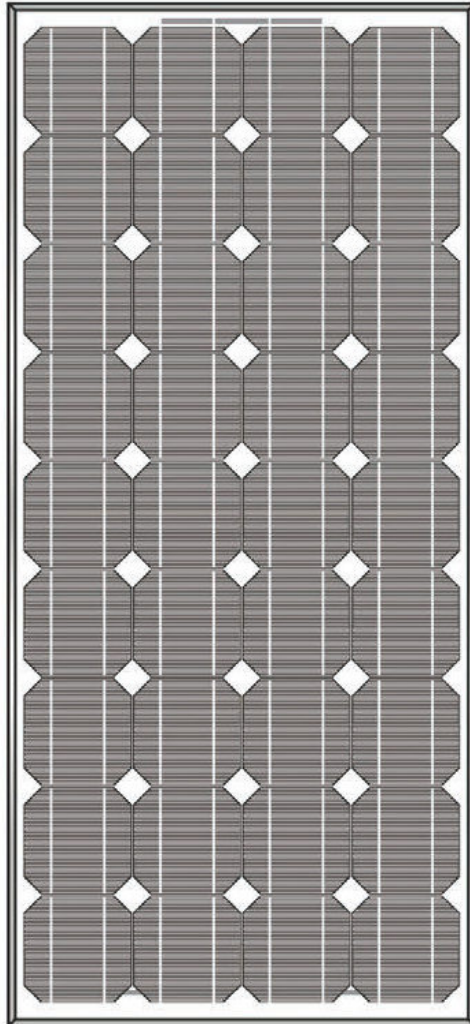


preVent GmbH

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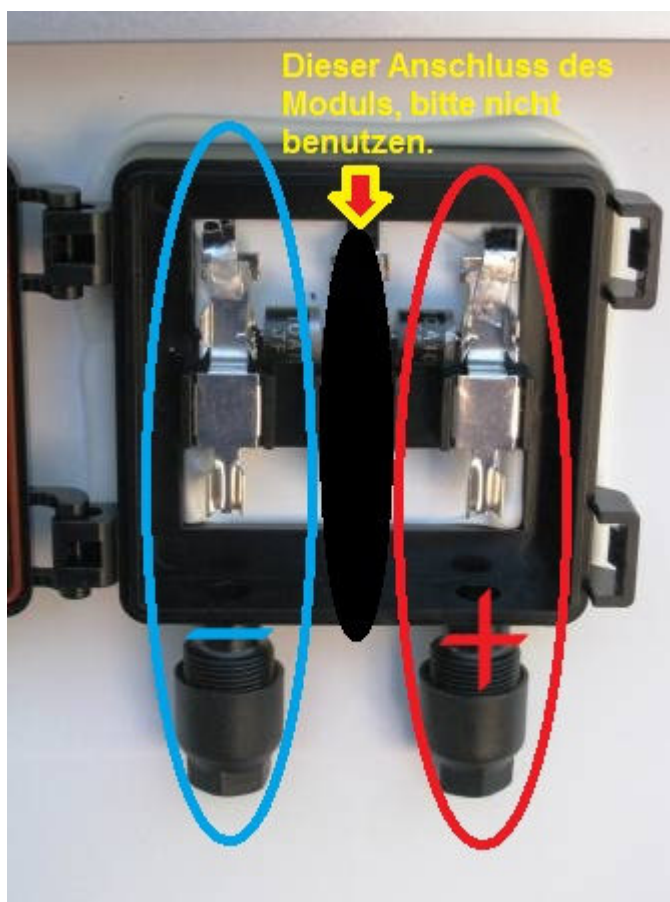
The solar panel SM536-100 is a high quality product which is especially made for off grid solutions. It is perfect for 12V systems or for 24V systems when you connected into series. Under extreme conditions, the SM module have been proven thousands of times, so it is built not only on campers, expedition vehicles and yachts also they are often used in commercial solutions. The panel has a CE exam and is produced in a company with quality control according to ISO 9000. The high stability of the module is achieved by the fact that the frame is glued with the module laminate.

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Technische Daten:

Rated Power Pmax. WP	100 W
Rated Voltage U _{MPP} V	18,2 V
Rated Current I _{MPP} A	5,49 A
Open-circuit voltage U ₀ V	23,2 V
Short-circuit current I _{sc}	5,98 A
Dimensions L x W in mm	1200 x 540
Frame hight in mm / with junction box in mm	35 / 35
Weight in Kg	8,0 kg
Connecting	Cable with MC4 connectors
Frame colour	Silber
Warrenty	24 Monate

Current temp.coeff. I_{sc} (0,055 ± 0,01) % / K
Voltage temp.coeff. U_{oc} - (155 ± 10) mV / K
Power temp.coeff. P_{max.} - (0,48 ± 0,05) % / K