

Solar modules S-series 12V

Solar modules with cable outlet front side mounted. Designed for boats, flat trucks, navigation aids, sea buoys, streetlamps and many other. Made in Germany.

Product characteristics

- 100% sea- & saltwater resistant
- Non-Glass-module with unbreakable Nowoflon foil
- Mounting plate made from saltwater resistant, powder-coated stainless steel
- Cable output screwed, sealed and utterly water proof
- Crystalline cells of highest performance class for maximum power
- Ultraflat module construction (5mm), at cable output 15mm
- Connection cable of 3m length
- Rounded corners to prevent risk of injuries
- On the side, the laminate overhangs the mounting plate by approx. 5mm for a maximum of corrosion protection
- Structured surface reduces slip risks when wet
- 100% maintenance-free, self-cleaning surface
- Installation: without rear ventilation by use of solar modules with 40 cells; either adhesive, screws or SunWare-clips
- Walkable when installed on a solid surface (using boat shoes)
- Modules can be slightly bent till max. 3% (3cm/1 meter)
- 3 years warranty on power output

		SW-3061	SW-3062	SW-3063	SW-3064	SW-3065	SW-3066
Power*	[Wp]	12	18	24	36	48	70
I sc	[A]	0,6	0,9	1,2	1,8	2,4	3,6
I max	[A]	0,55	0,83	1,1	1,65	2,2	3,3
Cell sizes	[mm]	33 x 50	50 x 50	33 x 100	50 x 100	66 x 100	100 x 100
Length A	[mm]	467	642	467	638	838	638
Width B	[mm]	249	249	459	459	499	891
Bore holes (D=5,5mm)		4	4	4	4	8	9
Weight netto	[kg]	1,4	1,9	2,4	3,2	4,5	6,1
Weight brutto	[kg]	2,4	3,0	3,4	4,4	6,3	8,5
Cable	[mm ²]	2 x 1,5	2 x 1,5	2 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5
Cell-protector		-	-	-	yes	yes	yes

Valid for all modules: Uoc = 24,6V / laminate: ETFE, EVA, stainless steel / 40 cells / for 12V-systems / individually packed / cable length 3m / carrier plate VA (1.4571) pulver coated white / serial connection only permitted for 24V systems

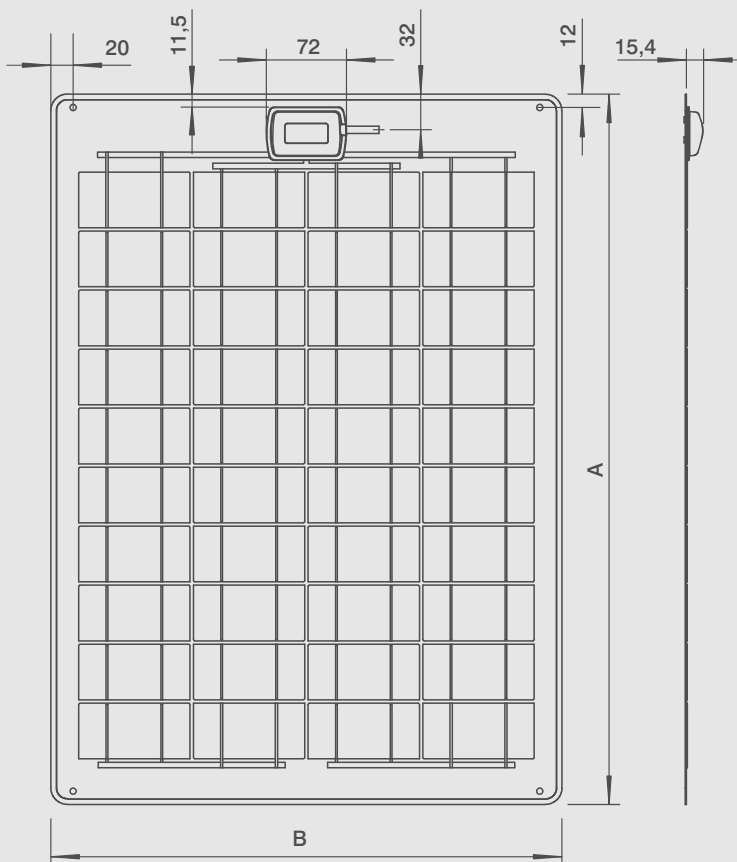
Environmental conditions : - 40 up to + 85 °C, thermal characteristic values: TK Isc: -1,1mA/K, TK Uoc: -2,3 mV/K, TK Pmpp: -19.0 mW/K

* According to STC (standard test conditions), AM 1,5, 1000 W/m², 25°C, measuring tolerance: 10%.



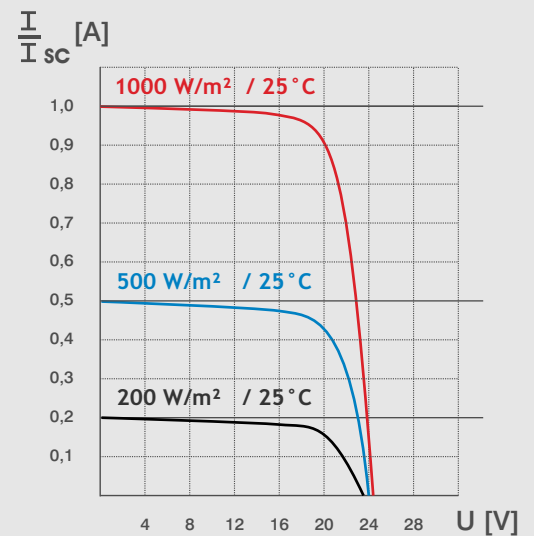
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DIMENSIONS



Technical drawings at www.sunware.de/download

Electrical characteristic



RANGE OF APPLICATIONS

- For motor boats and sailing yachts
- For camping and caravan
- For mobile current supply
- For industry, shipping and building sector

