

Solar modules RX-series

Plug n 'Play solar panels. Simply lay out, plug in - ready. No installation needed. 12V socket or cigarette lighter are sufficient. Regulator is integrated in the cable. Made in Germany.

Product characteristics

- Plug & Play modules, ready to plug in
- portable and foldable, light weight and robust
- each wing of RX-22039 and RX-22052 works independently
- RX-21052 both wings are connected in series
- textile edge with 9 mm eyelets for easy attachment
- 5m cable with SureSeal-plug
- charge regulator FOX-062 with car plug for 12V socket or cigarette lighter
- non-glass-panel, unbreakable, Nowoflon front foil
- crystalline cells of highest performance class
- panels are 100% sea- & saltwater resistant
- charge regulator FOX-062 has to be protected against humidity
- light-weight core, made out of 3mm aluminium sandwich, dark-grey, fully capsulated by the laminate
- cable output screwed, sealed and absolutely water proof
- ultraflat panel construction only 5mm thick, at cable output 15mm
- 100% maintenance-free, self-cleaning surface
- 3 years warranty on power output

TECHNICAL FEATURES

RX-series

		RX-21052	RX-22039	RX-22052
Power*	[Wp]	50	76	100
I _{sc} , max. charge cur.	[A]	3,0	4,4	6,0
I _{max}	[A]	2,7	4,0	5,5
U _{oc}	[A]	23,5	22,8	22,8
Cell sizes	[mm]	52 x 156	39 x 156	52 x 156
Length	[mm]	1265	873	1106
Width	[mm]	429	826	826
Pack size height	[mm]	30	40	40
No. of eyelets (D=9mm)		8	8	10
Weight netto	[kg]	2,6	4,2	5,1
Weight brutto	[kg]	3,8	7,2	8,8
Cable (2 x 1,5 mm ²)	[m]	5,0	5,0	5,0
No. of wings		2	2	2

Valid for all RX-modules: Laminate: ETFE/EVA/ETFE / suitable for 12V-system only / carrier plate 3 mm aluminium-sandwich / individually packed /

Environmental conditions: - 40 to + 85 °C

Thermal characteristic values: TK I_{sc}: -1,1mA/K, TK U_{oc}: -2,3 mV/K, TK P_{mpp}: -19.0 mW/K

* Standard test conditions: AM 1,5, 1000 W/m², 25°C, measuring tolerance: 10%.



Technical changes reserved. State 3/2016

RANGE OF APPLICATIONS

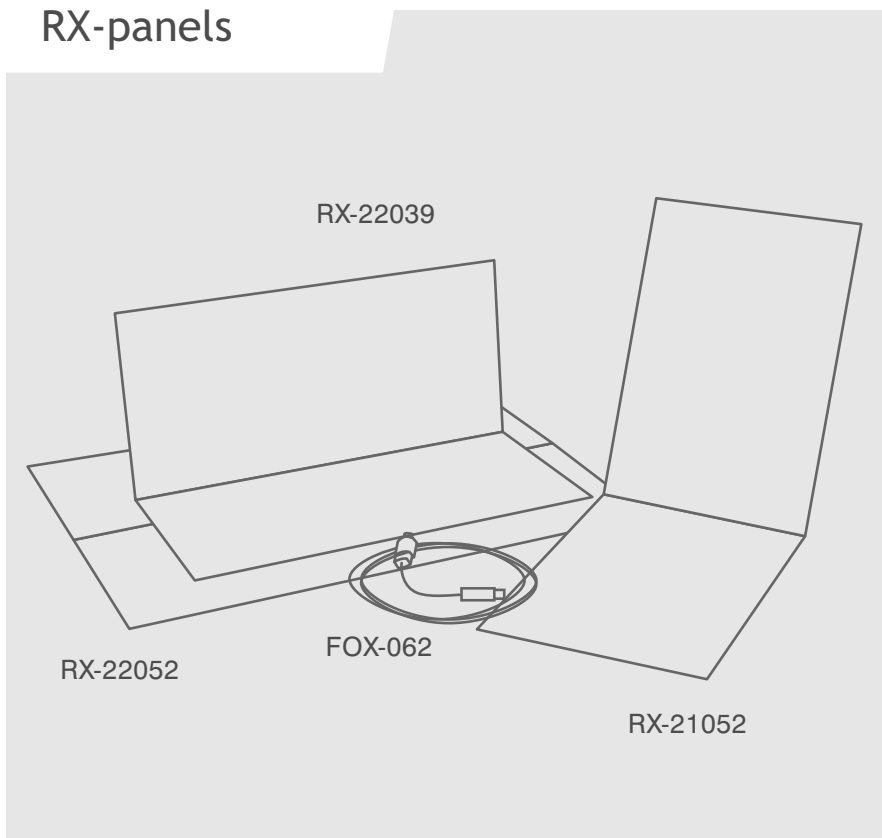
- For motor boats and sailing yachts
- For camping, caravan and off-road
- For mobile current supply & outdoor



Installation notes

- TX solar panels are sewn into a textile frame. Due to the soft transition of the panel to textile frame and the plastic eyelets, other surfaces are not damaged or scratched.
- The RX panels are delivered with 9 mm eyelets in the textile frame. Herewith the panels can be simply fastened.
- Each wing of a multi-wing RX-panel works independently. This reduces power loss in case of partial shading.
- at the folding panel RX-21052 both wings are connected in series. To get the maximum power output, both wings should be aligned always equal to the sun.

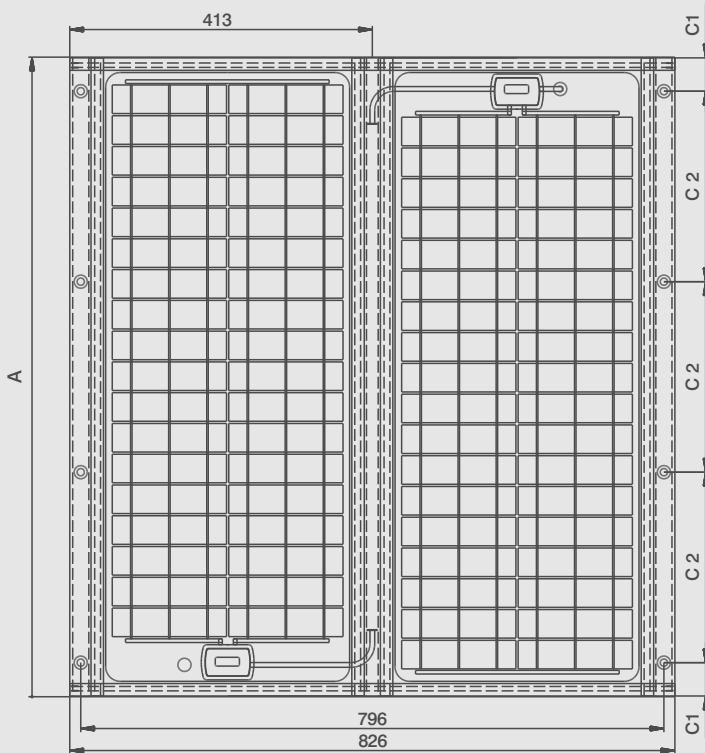
RX-panels



FOX-062 plug-in controller (in scope of delivery)

- the FOX-062 is an advanced charge controller in mini-format. Despite it's small size the overcharge protection is designed for a solar current of 6A.
- reverse current protection is integrated.
- the charging characteristic can be adjusted by the red DIP switch for AGM, gel & lead acid batteries.
- 3-color LED-indicator shows the battery status.
- panel cable with the SureSeal-plug has to be plugged into the charge regulator.
- on the output side to the battery a motor vehicle connector is mounted with a integrated fuse and an adapter. If the red adapter on the tip of the plug is removed, he can also be used for a car socket.

DIMENSIONS

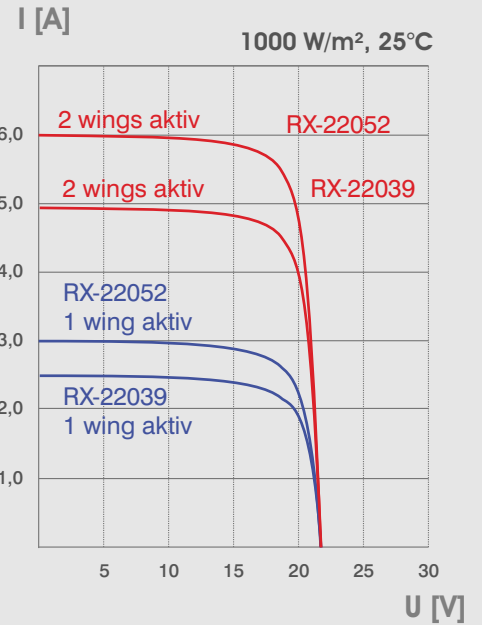


RX-22039/ RX-22052

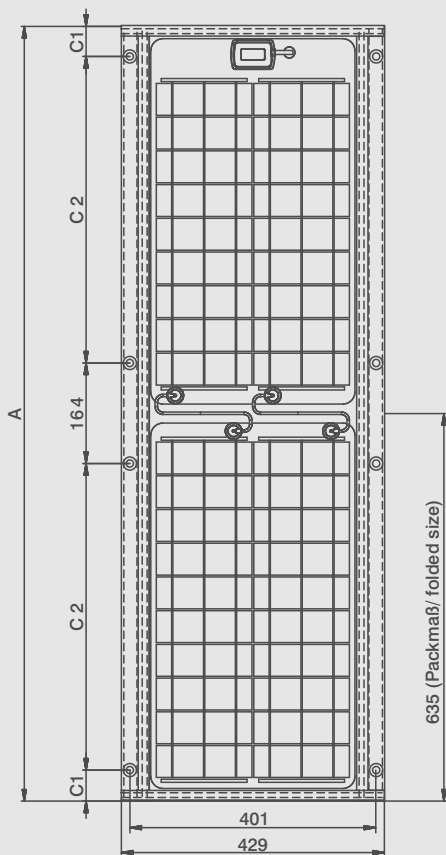
	A [mm]	C 1 [mm]	C 2 [mm]
RX-22039	873	45,5	260
RX-22052	1106	51,0	251

Technical drawings at: www.sunware.de/download

Electrical characteristic



DIMENSIONS



RX-12052

	A [mm]	C 1 [mm]	C 2 [mm]
RX-12052	1265	50,0	500

Technical drawings at: www.sunware.de/download

Electrical characteristic

