








ACTIVESOL

make use of natural power

SEMI-FLEXIBLE PHOTOVOLTAIC PANELS

GREEN XTREME SERIES

-  TOP EFFICIENCY THANKS TO RELIABLE „SUN POWER” BACK-CONTACT CELLS
-  VERY LIGHT AND DURABLE
-  RECOMMENDED FOR LAND VEHICLES (CAMPERs, CARAVANS, BUSES)
-  EASY AND FAST INSTALLATION USING TAPE/GLUE/SCREWS
-  WALKABLE SURFACE



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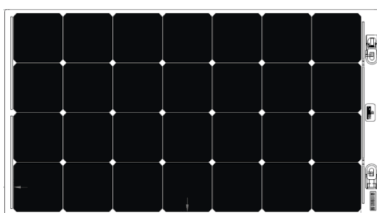
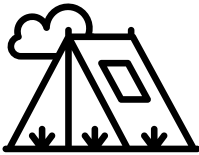
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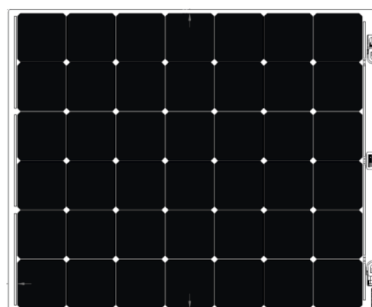
ACTIVESOL

semi-flexible photovoltaic modules

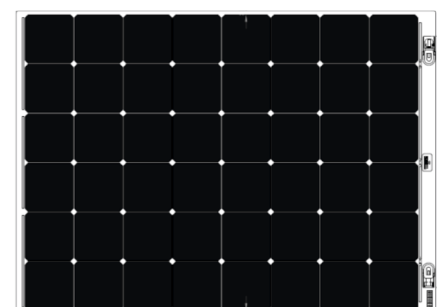
GREEN XTREME



GRX-100B-WA



GRX-150B-WA



GRX-170B-WA

GRX-100B-WA GRX-150B-WA GRX-170B-WA

ELECTRICAL PARAMETERS

Peak Power [Pmax]	97 Wp	146 Wp	167 Wp
Max. Power Voltage	16,08 V	25,62 V	27,57 V
Max Power Current	6,04 A	6,04 A	6,04 A
Open Circuit Voltage	20,41 V	30,49 V	34,99 V
Short Circuit Current	6,40 A	6,40 A	6,40 A
Module Efficiency	19,10%	19,50%	19,70%
Power output tolerance	+/- 5%	+/- 5%	+/- 5%
Values presented for STC (Standard test conditions): incident sunlight 1000 W/m ² , solar cell temperature 25 °C, AM1.5			
Max system voltage	250 V DC	250 V DC	250 V DC
Max Series Fuse Rating	12A	12A	12A

TEMPERATURE COEFFICIENTS

Isc	0,045 %/K	0,045 %/K	0,045 %/K
Voc	-0,239 %/K	-0,239 %/K	-0,239 %/K
Pmax	-0,290 %/K	-0,290 %/K	-0,290 %/K

GENERAL INFORMATION

Cell type	Interdigitated Back Contact	Interdigitated Back Contact	Interdigitated Back Contact
Junction Box *1	Mc4 Plug&Play type	MC4 Plug&Play type	MC4 Plug&Play type
Module thickness	2 mm	2 mm	2 mm
Junction Box Thickness	15 mm	15 mm	15 mm
Weight	1,4 kg	2,0 kg	2,3 kg
Dimensions *1	960 x 530 mm	960 x 780 mm	1085 x 780
Bending Radius	1 m	1 m	1 m
Anti-slippery surface/walkable	no/yes	no/yes	no/yes
Frontsheet *1	glossy finish	glossy finish	glossy finish
Backsheet *2	white	white	white
Operating module temperature:	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Recommended use	mobile & inland: RVs, motorhomes, campervans, riverboats, tents, light rooftops, advertising carriers etc.		

Approximate daily productivity*3	412 Wh	621 Wh	710 Wh
LED light	41 h	62 h	71 h
Laptop	6 h	10 h	11 h
60 liter fridge	5 h	8 h	9 h
40" TV	6 h	9 h	10 h

*1 Can be customized on demand (custom-made offer).

*2 White/black/transparent available (custom-made offer).

*3 Evaluation based on climate of south Italy with panels flat mounted, typical summer (PVGIS-SARAH2 model).