








# ACTIVESOL

make use of natural power

## SEMI-FLEXIBLE PHOTOVOLTAIC PANELS

### NAVY-BLUE BIMINI SERIES

-  TOP EFFICIENCY THANKS TO RELIABLE „SUN POWER” BACK-CONTACT CELLS
-  CAN BE INSTALLED ON LESS STABLE SURFACES (e.g. FABRIC ROOFS)
-  RESISTANT TO SEA SALT
-  BETTER PERFORMACE AT LOW SUN ANGLE
-  EASY AND FAST INSTALLATION USING TAPE/GLUE/SCREWS



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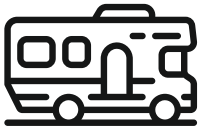
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# ACTIVESOL

## semi-flexible photovoltaic modules

### NAVY-BLUE BIMINI



### NBB-110B-WA

#### ELECTRICAL PARAMETERS

Peak Power [Pmax]	109 Wp
Max. Power Voltage	19,4 V
Max Power Current	5,6 A
Open Circuit Voltage	22,9 V
Short Circuit Current	6,0 A
Module Efficiency	17,2%
Power output tolerance	+/- 5%

Values presented for STC (Standard test conditions): incident sunlight 1000 W/m2, solar cell temperature 25 °C, AM1.5

Max system voltage	250 V DC
Max Series Fuse Rating	12A

#### TEMPERATURE COEFFICIENTS

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

#### GENERAL INFORMATION

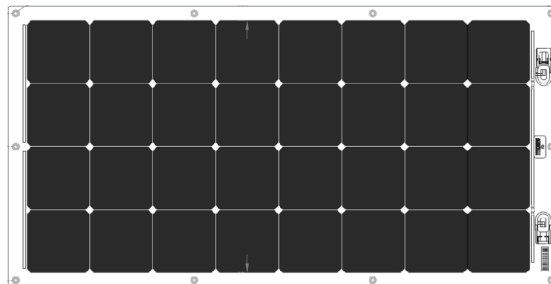
Cell type	Interdigitated Back Contact
Junction Box *1	MC4 Plug&Play type
Module thickness	3 mm
Junction Box Thickness	15 mm
Weight	2,2 kg
Dimensions *1	1110 x 570 mm
Bending Radius	1 m
Anti-slippery surface/walkable	no/no
Frontsheet *1	matt finish
Backsheet *2	white
Operating module temperature:	-40 to +85 °C
Recommended use	material bimini rooftops, mobile & marine including saline water environment

Approximate daily productivity*3	491 Wh
LED light	49 h
Laptop	8 h
60 liter fridge	6 h
40" TV	7 h

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

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

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



NBB-110B-WA

