



# ACTIVESOL

## PHOTOVOLTAIC MODULES

ASOL-168M-AB



Positive power tolerance +3%



Product guarantee



Guarantee of linear efficiency



Fire resistance



Ammonia resistance



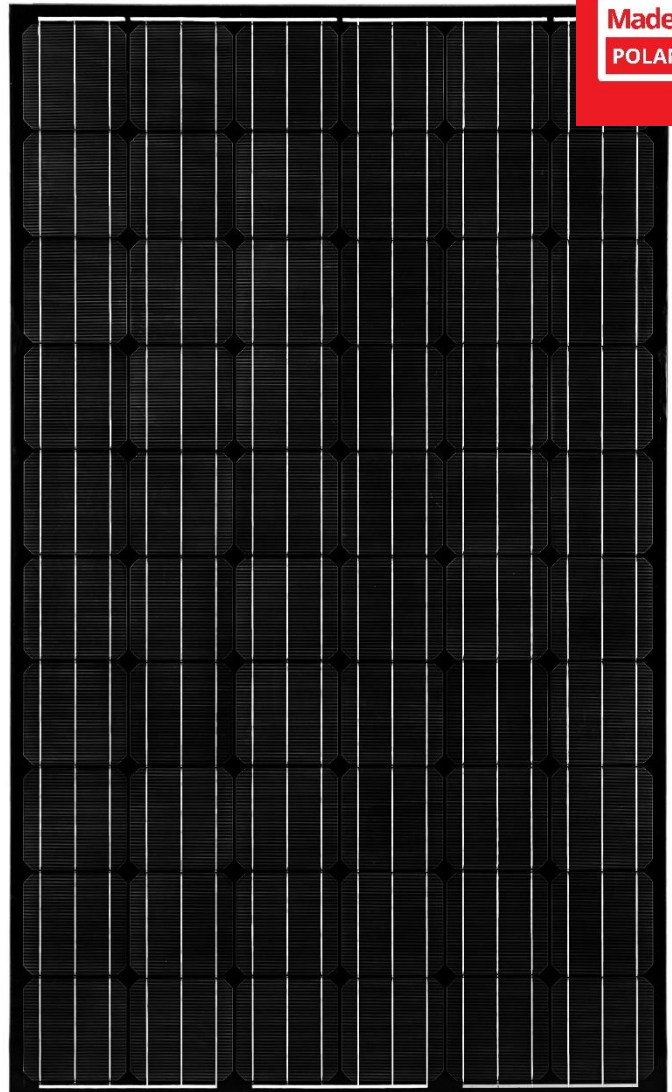
Wind pressure resistance  
2400Pa



Snow load resistance 5400Pa



IEC 61215, EN 61730-1, EN 61730-2



# TECHNICAL SPECIFICATION

## ACTIVESOL STANDARD MONOCRYSTALLINE PHOTOVOLTAIC MODULES

### ASOL-168M-AB-RSA

#### ELECTRICAL PARAMETERS\* STC

Module	ASOL-168M-AB-RSA
Peak Power Pmax	168Wp
Open Circuit Voltage Voc	23,11 V
Short Circuit Power Isc	9,40 A
Max. Power Voltage Vmp	19,51 V
Max. Power Current Imp	8,91 A
Power tolerance	0/+3%
Efficiency	16,52 %

Standard test conditions (STC): incident sunlight of 1000 W/m<sup>2</sup>, cell temperature of 25°C, 1.5 AM

Electrical parameters on the product nameplate can slightly differ from specification data because of different batch of cells used in production

#### TEMPERATURE COEFFICIENT

Isc	+0,034 %/°C	Max. load	IEC 5400 Pa
Voc	-0,314 %/°C	Class	A
P <sub>MAX</sub>	-0,336 %/°C	Maximum series fuse rating	15 A
NOCT	43±2 °C		

Standard test conditions (STC): incident sunlight of 1000 W/m<sup>2</sup>, cell temperature of 25°C, 1.5 AM

#### WORKING CONDITIONS

#### PARAMETRY MECHANICZNE

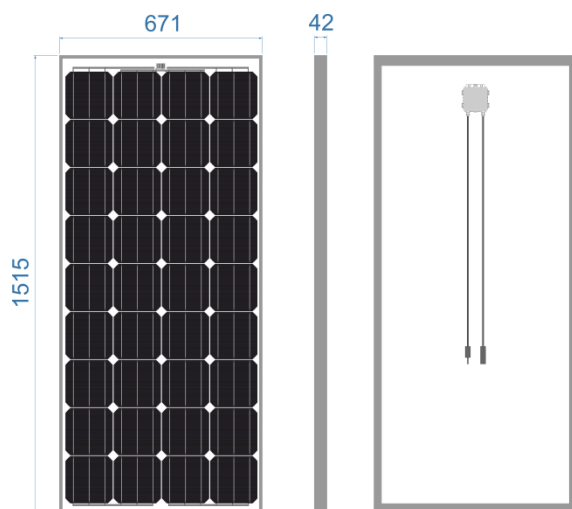
Dimensions	1515 x 671 x 42mm	Operational conditions	85% RH, -40 → +85°C
Weight	12,8 kg	Maximum system voltage	1000 VDC
Glass	3,2 mm tempered	Safety class	II
Encapsulate	Copolymer EVA	Hail	Max. diameter 25mm impact velocity 23m/s
Cells	Monocrystalline Si, 4x9 (36 cells in series)		

Backsheet Multilayer

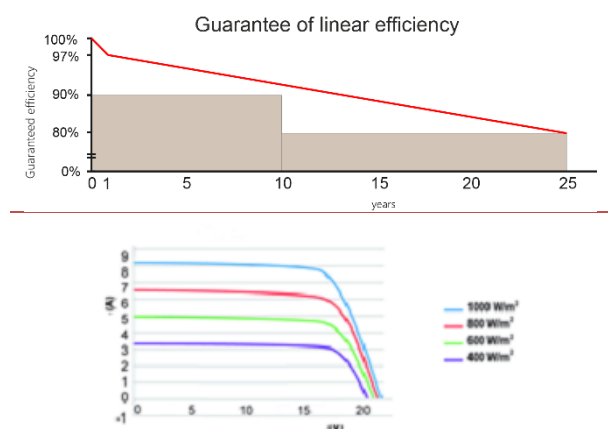
#### PARAMETRY SYSTEMU

		LEGEND	
Frame	Anodized aluminum	<b>A</b>	Backsheet color W – White, B - Black
Junction-box	IP65/IP67 (with potting), 1 by-pass diode	<b>B</b>	Frame color S – Silver, B - Black
Cable	Cable 4mm <sup>2</sup> , 1m, MC4 or compatible	<b>RSA</b>	Manufacturer internal code

#### WYMIARY



#### WYKRESY



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