



# ACTIVESOL

## PHOTOVOLTAIC MODULES

### ASOL-280P-WS-RHA



**Positive power tolerance +3%**



**Product guarantee**



**Guarantee of linear efficiency**



**Fire resistance**



**Wind pressure resistance  
2400Pa**



**Snow load resistance 5400Pa**



**EN 61730-1, EN 61730-2**



**5 bus-bar**



# TECHNICAL SPECIFICATION

## ACTIVESOL STANDARD POLYCRYSTALLINE PHOTOVOLTAIC MODULES

### ASOL-280P-WS-RHA

#### ELECTRICAL PARAMETERS\* STC

<b>Module</b>	<b>ASOL-280P-WS-RHA</b>
<b>Peak Power Pmax</b>	280 Wp
<b>Open Circuit Voltage Voc</b>	39,00 V
<b>Short Circuit Power Isc</b>	9,21 A
<b>Max. Power Voltage Vmp</b>	31,8 V
<b>Max. Power Current Imp</b>	8,85 A
<b>Power tolerance</b>	0/+3%
<b>Efficiency</b>	17,14 %

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

<b>Isc</b>	+0,0474 %/K
<b>Voc</b>	-0,285 %/K
<b>P<sub>MAX</sub></b>	-0,37 %/K

#### WORKING CONDITIONS

<b>Max. load</b>	IEC 5400 Pa
<b>Class</b>	A
<b>Maximum series fuse rating</b>	15 A

#### MECHANICAL PARAMETERS

<b>Dimensions</b>	1650 x 992 x 35 mm
<b>Weight</b>	17,7 kg
<b>Glass</b>	3,2 mm hartowana
<b>Encapsulate</b>	Kopolimer EVA
<b>Cells</b>	Polikrystaliczne Si, 5BB 6x10 połączone szeregowo
<b>Backsheet</b>	Wielowarstwowy

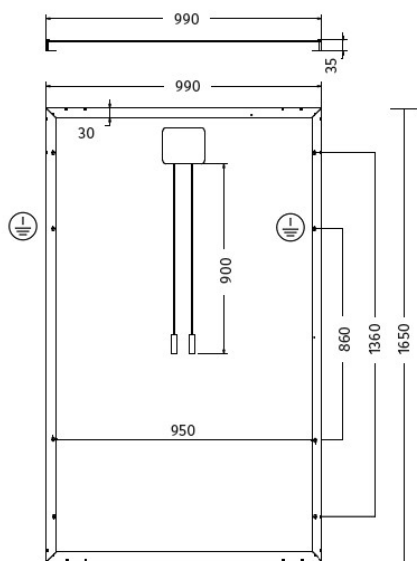
#### SYSTEM PARAMETERS

<b>Operational conditions</b>	85% RH, -40 → +85°C
<b>Maximum system voltage</b>	1000 VDC
<b>Safety class</b>	II
<b>Hail</b>	Max. diameter 25mm impact velocity 23m/s

#### LEGEND

<b>Frame</b>	Anodowane aluminium	<b>W</b>	Backsheet color	W – White
<b>Junction-box</b>	IP68, 3 diody by-pass	<b>S</b>	Frame color	S – Silver
<b>Cable</b>	Kabel 4mm <sup>2</sup> , 0,9m, MC4 lub kompatybilne	<b>RHA</b>	Manufacturer internal code	

#### DIMENSIONS



#### GRAPHS

