



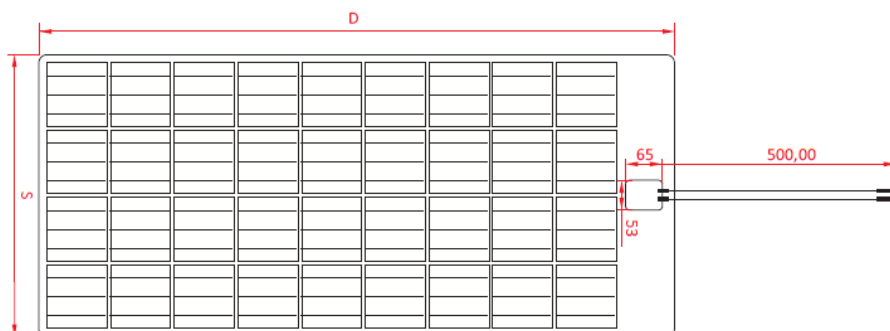
FLEXIBLE PHOTOVOLTAIC MODULES

ACTIVESOL FLEX SPECIFICATION

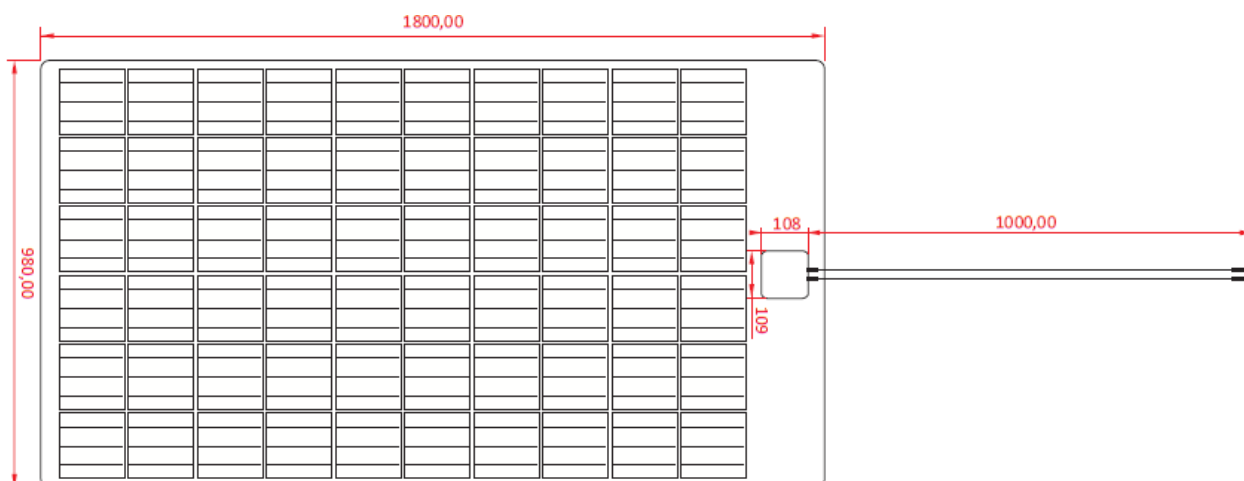
	ASOL-9P-W0R	ASOL-18P-W0R	ASOL-36P-W0R	ASOL-75P-W0R	ASOL-150P-W0R	ASOL-150P-W0S	ASOL-250P-W0R
ELECTRICAL PARAMETERS							
Peak Power [P _{max}]	9 W_p	18 W_p	36 W_p	75 W_p	150 W_p	150 W_p	250 W_p
Cell Efficiency	16,70 %	16,70 %	17,10 %	17,10 %	17,20 %	17,20 %	17,20 %
Module Efficiency	6,69 %	9,08 %	10,83 %	11,11 %	13,12 %	13,37 %	14,23 %
Max. Power Voltage [V _{mp}]	18,68 V	18,68 V	18,90 V	18,90 V	18,90 V	18,90 V	31,50 V
Max. Power Current [I _{mp}]	0,49 A	0,98 A	1,98 A	3,95 A	7,97 A	7,97 A	7,97 A
Open Circuit Voltage [V _{oc}]	22,39 V	22,39 V	22,46 V	22,46 V	22,57 V	22,57 V	37,62 V
Short Circuit Current [I _{sc}]	0,52 A	1,04 A	2,12 A	4,24 A	8,45 A	8,45 A	8,45 A
Power Output Tolerance				± 3%			
Maximum System Voltage				1000 V			
Normal operating cell temperature (NOCT)				45 °C			
Max. series fuse rating				15 A			
By-pass diodes				1			3
TEMPERATURE COEFFICIENTS							
I _{sc}				0,0571 %/°C		0,0640 %/°C	
V _{oc}				-0,0060 %/°C		-0,0059 %/°C	
P _{MAX}				- 0,4600 %/°C		- 0,4300 %/°C	
MECHANICAL PARAMETERS							
Cell Type	poly-si						
Cell Qty.	36						60
Weight	0,75 kg	0,90 kg	1,1 kg	1,85 kg	2,68 kg	2,60 kg	4,53 kg
Dimensions (W/H)	360/380 mm	360/560 mm	360/960 mm	700/960 mm	700/1640 mm	980/1150 mm	980/1800 mm
Bending radius	5 m						
Module thickness	1,8 mm						
Junction Box thickness	14,50 mm						22,00 mm
Dimension tolerance	±15 mm						
ACCESSORIES							
Plug Connector	MC4						
COLOUR							
Backsheet	White						
Cells	dark blue						
* Standard test conditions (STC): incident sunlight of 1000 W/m ² , cell temperature of 25°C, 1.5 AM							

ASOL-FLEX- XXXP*-W0R

*XXX – from 9Wp to 150Wp



ASOL-FLEX-250P-W0R



ASOL-FLEX-150P-W0S

