

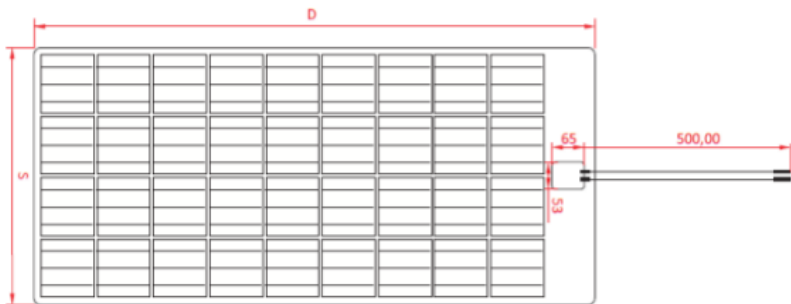


## FLEXIBLE PHOTOVOLTAIC MODULES SPECIFICATION

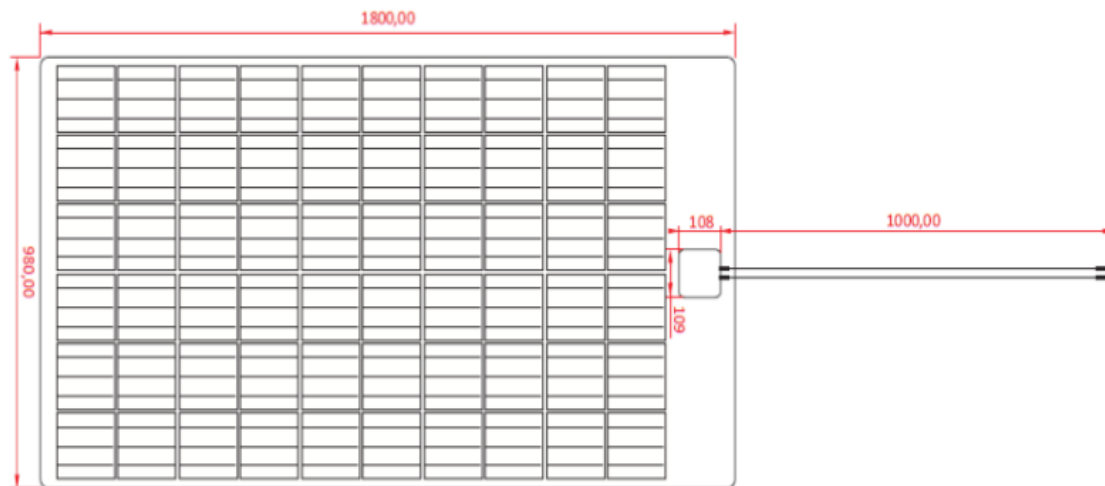
	FLEX-9P	FLEX-18P	FLEX-36P	FLEX-75P	FLEX-150P	FLEX-150P	FLEX-250P
<b>ELECTRICAL PARAMETERS</b>							
Peak Power [Pmax]	9 Wp	18 Wp	36 Wp	75 Wp	150 Wp	150 Wp	250 Wp
Cell Efficiency	16,70%	16,70%	17,10%	17,10%	17,20%	17,20%	17,20%
Module Efficiency	6,69%	9,08%	10,83%	11,11%	13,12%	13,37%	14,23%
Max. Power Voltage [Vmp]	18,68V	18,68V	18,90V	18,90V	18,90V	18,90V	31,50V
Max. Power Current [Imp]	0,49A	0,98A	1,98A	3,95A	7,97A	7,97A	7,97A
Open Circuit Voltage [Voc]	22,39V	22,39V	22,46V	22,46V	22,57V	22,57V	37,62V
Short Circuit Current [Isc]	0,52A	1,04A	2,12A	4,24A	8,45A	8,45A	8,45A
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
<b>TEMPERATURE COEFFICIENTS</b>							
Isc	0,0571 % / °C				0,0640 % / °C		
Voc	-0,0060 % / °C				-0,0059 % / °C		
Pmax	-0,4600 % / °C				-0,4300 % / °C		
<b>MECHANICAL PARAMETERS</b>							
Cell Type	poly - si						
Cell Qty.	36						
Weight	0,75 kg	0,90 kg	1,1 kg	1,85 kg	2,68 kg	2,6 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						
<b>ACCESSORIES</b>							
Plug Connector	MC 4						
<b>COLOUR</b>							
Backsheet	WHITE						
Cells	DARK BLUE						
* Standard test conditions (STC): incident sunlight of 1000 W/ m2, cell temperature of 25°C, 1.5 AM							

\*XXX – from 9Wp to 150Wp

# FLEXIBLE PHOTOVOLTAIC MODULES SPECIFICATION



FLEX-250P



FLEX-150P

