

ACTIVESOL FLEXIBLE PV MODULES

SPECIFICATION PV-ASOL-FLEX-XXXP-YYY

	PV-ASOL-FLEX-9P-WOR	PV-ASOL-FLEX-18P-WOR	PV-ASOL-FLEX-36P-WOR	PV-ASOL-FLEX-75P-WOR	PV-ASOL-FLEX-150P-WOR	PV-ASOL-FLEX-150P-WOS	PV-ASOL-FLEX-250P-WOR
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 %	16,70 %	17,10 %	17,10 %	17,10 %	17,10 %
Module Efficiency	6,00 %	9,00 %	10,00 %	11,00 %	13,00 %	13,00 %	14,00 %
Max. Power Voltage [V _{mp}]	18,68 V	18,68 V	18,68 V	18,90 V	18,90 V	18,90 V	31,50 V
Max. Power Current [I _{mp}]	0,48 A	0,97 A	1,95 A	3,95 A	7,91 A	7,91 A	7,91 A
Open Circuit Voltage [V _{oc}]	22,39 V	22,39 V	22,39 V	22,46 V	22,46 V	22,46 V	37,44 V
Short Circuit Current [I _{sc}]	0,52 A	1,04 A	2,09 A	4,24 A	8,48 A	8,48 A	8,48 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}				4,4 mA/°C			
V _{oc}				-2,15 mV/°C			
P _{MAX}				- 0,46 %/°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							

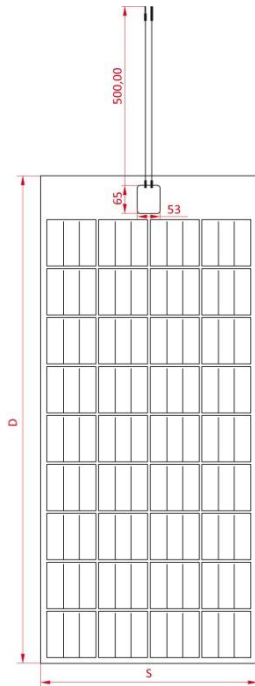


PN-EN-ISO 9001:2009 ■ PN-EN ISO 14001:2005 ■ BS OHSAS 18001:2007

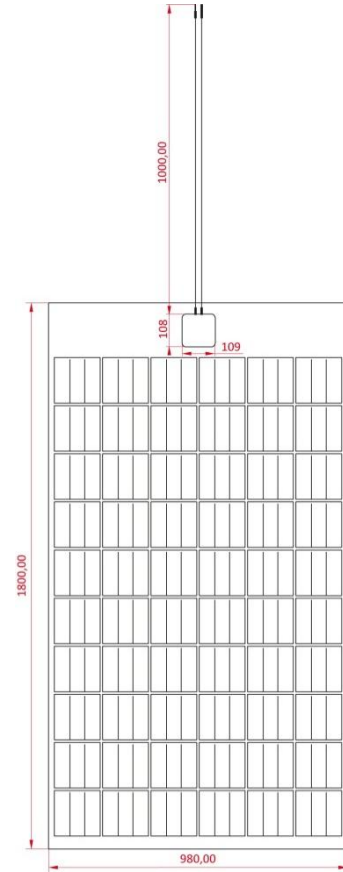


Modules PV-ASOL-FLEX- XXXP*-W0R

*XXX – from 9Wp to 150Wp



Module PV-ASOL-FLEX-250P-W0R



Module PV-ASOL-FLEX-150P-W0S

