

TECHNICAL SPECIFICATION

FLEXIBLE PHOTOVOLTAIC MODULES ACTIVESOL LIGHT

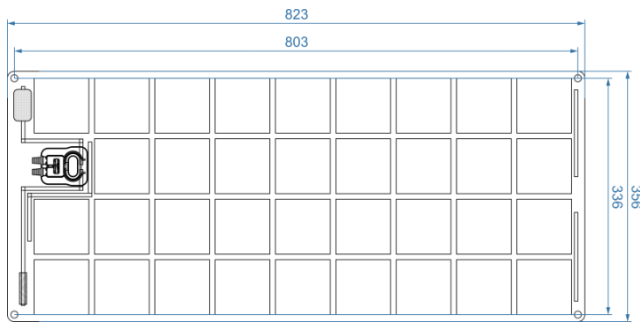


	ASOLL-36P- W0R	ASOLL-75P- W0R	ASOLL-90M- W0R	ASOLL-150P- W0R
ELECTRICAL PARAMETERS				
Peak Power [P_{max}]	36 W_p	75 W_p	90 W_p	150 W_p
Max. Power Voltage [V_{mp}]	18,73 V	18,73 V	21,20V	18,17 V
Max. Power Current [I_{mp}]	2,04A	4,08 A	4,36 A	8,21 A
Open Circuit Vaoltage [V_{oc}]	22,02 V	22,02 V	25,20 V	22,05 V
Short Circuit Current [I_{sc}]	2,11 A	4,23 A	4,63 A	8,51 A
Module Efficiency	12,29 %	13,46 %	13,57%	13,62 %
Power Output Tolerance	± 5%			
Max. System Voltage	1000 V			
Normal Operating Cell Temperature (NOCT)	45 °C			
Max. Series Fuse Rating	15 A			
By-pass Diodes (Qty.)	1			
TEMPERATURE COEFFICIENTS				
I_{sc}	0,05 %/°C		0,034 %/°C	0,05 %/°C
V_{oc}	-0,32 %/°C		-0,314 %/°C	-0,32 %/°C
P_{MAX}	-0,37 %/°C		-0,336 %/°C	-0,37 %/°C
MECHANICAL PARAMETERS				
Cell Type	Polycrystalline Si		Monocrystalline Si	Polycrystalline Si
Cell Qty.	35		40	35
Socket	IP65			
Cables	Solar cable 2,25 mm ² , 2 m			
Module Thickness	2 mm			
Junction Box Thickness	10 mm			
Weight	0,81 kg	1,35 kg	1,60 kg	2,45 kg
Dimensions (W/H)	356 x 823 mm	668 x 834 mm	520 x 1275 mm	708 x 1555 mm
Bending Radius	5 m			
Hole Diameter	10 mm			
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				

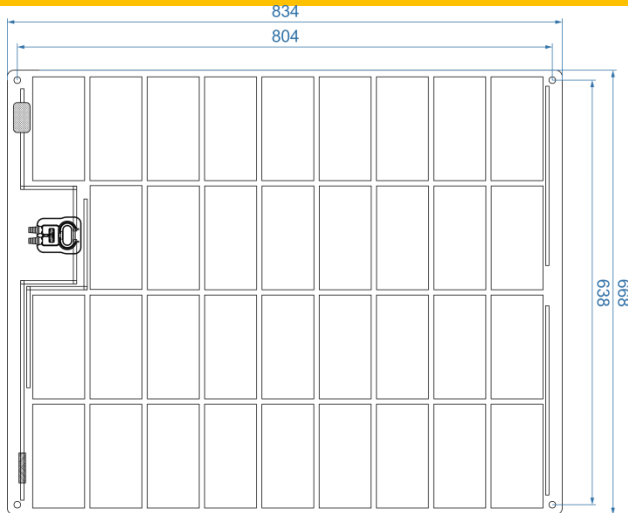
Electrical parameters on the product nameplate can slightly differ from specification data because of different batch of cells used in production



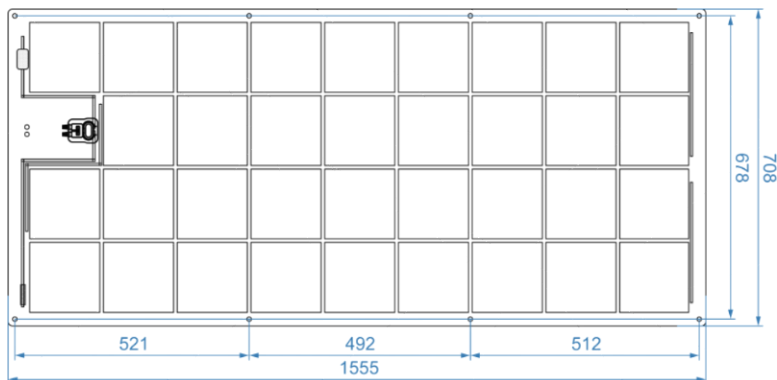
ASOLL-36P-W0R



ASOLL-75P-W0R



ASOLL-150P-W0R



ASOLL-90M-W0R

