

# TECHNICAL SPECIFICATION

## FLEXIBLE PHOTOVOLTAIC MODULES ACTIVESOL ULTRA



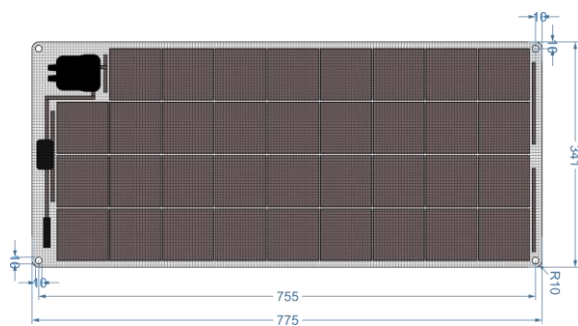
	ASOLU-36P- W0R	ASOLU-75P- W0R	ASOLU-90M- W0R	ASOLU-150P- W0R
<b>ELECTRICAL PARAMETERS</b>				
Peak Power [ $P_{max}$ ]	<b>36 W<sub>P</sub></b>	<b>75 W<sub>P</sub></b>	<b>90 W<sub>P</sub></b>	<b>150 W<sub>P</sub></b>
Max. Power Voltage [ $V_{mp}$ ]	18,73 V	18,73 V	21,20V	18,17 V
Max. Power Current [ $I_{mp}$ ]	2,04 A	4,08 A	4,36 A	8,21 A
Open Circuit Voltage [ $V_{oc}$ ]	22,02 V	22,02 V	25,20 V	22,05 V
Short Circuit Current [ $I_{sc}$ ]	2,111 A	4,32 A	4,63 A	8,51 A
Module Efficiency	13,62 %	14,63 %	15,13 %	14,98 %
Power Output Tolerance	0/+3%			
Max. System Voltage	1000 V			
Normal Operating Cell Temperature (NOCT)	45°C			
Max. Series Fuse Rating	15 A			
By-pass Diodes (Qty.)	1			
<b>TEMPERATURE COEFFICIENTS</b>				
$I_{sc}$	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
<b>MECHANICAL PARAMETERS</b>				
Cell Type	Polycrystalline Si		Monocrystalline Si	Polycrystalline Si
Cell Qty.	35		40	35
Socket	IP65			
Cables	Solar cable 2,5 mm <sup>2</sup> , 2 m			
Module Thickness	3 mm			
Junction Box Thickness	10 mm			
Weight	1,01 kg	1,96 kg	2,30kg	4,00 kg
Dimensions (W/H)	341 x 775 mm	653 x 785 mm	500 x 1190 mm	675 x 1495 mm
Bending Radius	5 m			
Hole Diameter	10 mm			
<b>KOLOR</b>				
Backsheet	white			
Cells	dark blue			

\* Standard test conditions (STC): incident sunlight of 1000 W/m<sup>2</sup>, cell temperature of 25°C, 1.5 AM

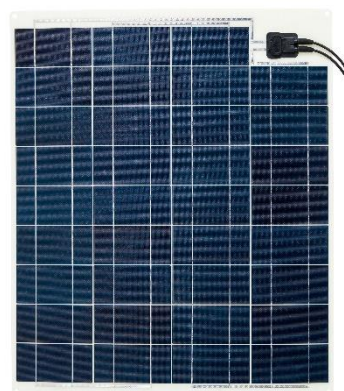
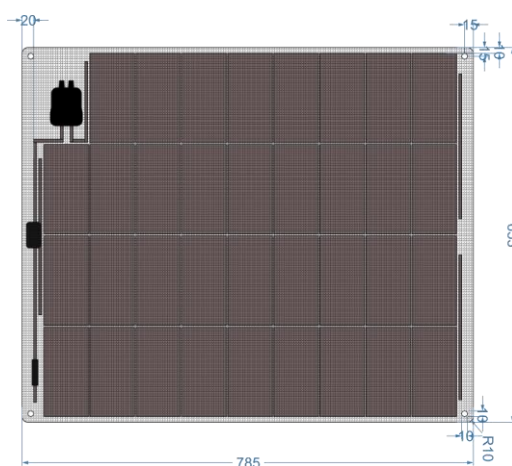
Electrical parameters on the product nameplate can slightly differ from specification data because of different batch of cells used in production



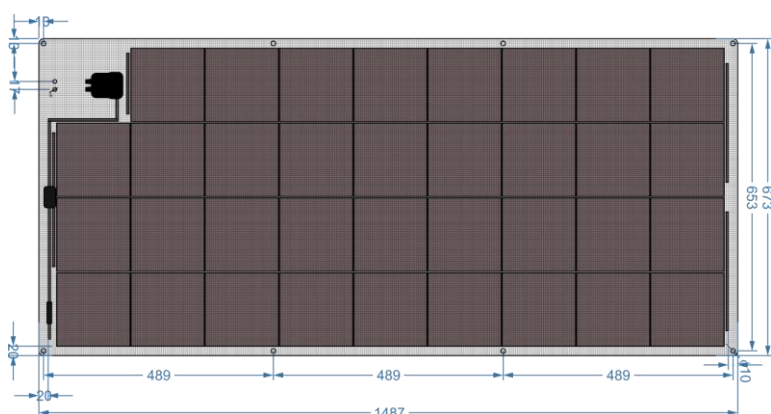
**ASOLU-36P-W0R**



**ASOLU-75P-W0R**



**ASOLU-150P-W0R**



**ASOLU-90M-W0R**



