

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 Voltage (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 (Q.ty)	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			
COLOR				
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



TECHNICAL SPECIFICATION

FLEXIBLE PHOTOVOLTAIC MODULES

ACTIVESOL ULTRA



	ASOLU-36P- W0R	ASOLU-75P- W0R	ASOLU-90M- W0R	ASOLU-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})	2,04 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})	2,11 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 (Q.ty)	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 2,5 mm ² , 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			
COLOR				
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

