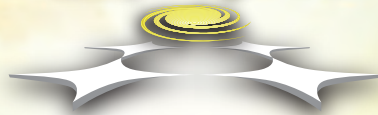


avp 72P

polycrystalline PV modules | 300-305-310 Wp

avproject



PV has taken off



Made in Europe



Module presorting



Fire reaction Class 1



Positive power output tolerances



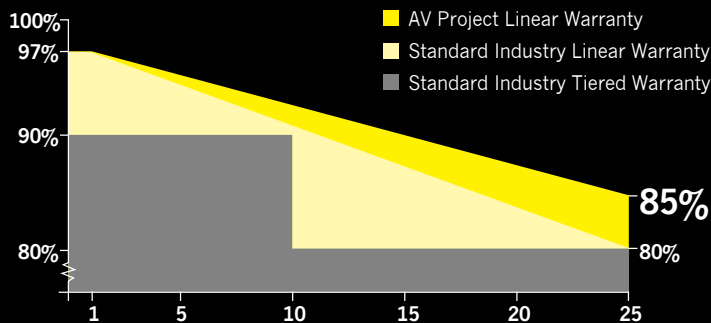
PID free



Salt water, ammonia, blow dust and sand resistance

 made in Italy

Warranties:



Power Output:

12 years (limited warranty on 90% power output)

25 years (limited warranty on 85% power output)

Product warranty:

10 years

Certificates:



Via Toppole 1
83030 Manocalzati (AV) Italia

P.IVA 02544120641

tel +39.0825.675467
fax +39.0825.676798

www.avproject.it



models

AVP300P

AVP305P

AVP310P

Advanced Vision Project

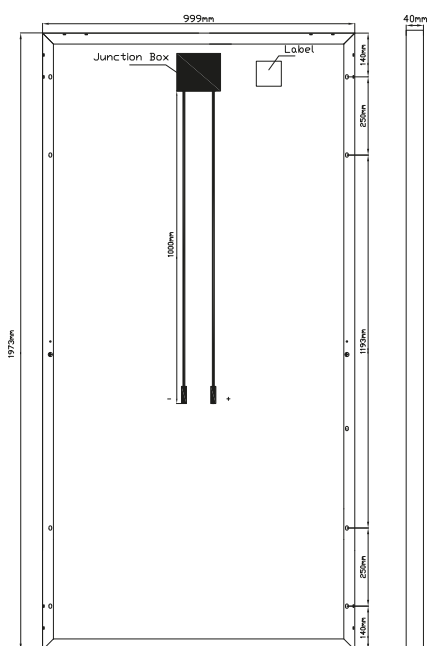
ELECTRICAL SPECIFICATIONS @STC (AM 1,5 - 1000W/m² - 25°C)

MODULE TYPE		300Wp	305Wp	310Wp	UM
Max power	<i>P_{max}</i>	300	305	310	Wp
Voltage at Pmax	<i>V_{mp}</i>	36,49	36,75	37,06	V
Current at Pmax	<i>I_{mp}</i>	8,26	8,31	8,37	A
Open circuit voltage	<i>V_{oc}</i>	44,86	45,11	45,36	V
Short circuit current	<i>I_{sc}</i>	8,88	8,9	8,93	A
Tolerance		0/+5	0/+5	0/+5	W
System max voltage	<i>V_{sys}</i>	1000	1000	1000	V
Module efficiency		15,22	15,47	15,73	%
MAXIMUM REVERSE CURRENT		18	18	18	A

ELECTRICAL SPECIFICATIONS @ NOCT (AM 1,5 - 800W/m² - 45°C)

MODULE TYPE		300Wp	305Wp	310Wp	UM
Max power	<i>P_{max}</i>	220,99	224,68	228,36	Wp
Voltage at Pmax	<i>V_{mp}</i>	33,16	33,51	33,82	V
Current at Pmax	<i>I_{mp}</i>	6,66	6,7	6,75	A
Open circuit voltage	<i>V_{oc}</i>	41,37	41,6	41,83	V
Short circuit current	<i>I_{sc}</i>	7,16	7,18	7,2	A

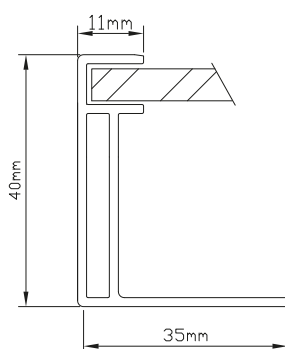
DIMENSIONS



THERMAL SPECIFICATIONS

MODULE TYPE		300Wp	305Wp	310Wp	UM
Power Temperature Coefficient		-0,396	-0,396	-0,396	%/°C
Voltage Temperature Coefficient		-0,311	-0,311	-0,311	%/°C
Current Temperature Coefficient		0,042	0,042	0,042	%/°C
NOCT		45±2	45±2	45±2	°C

FRAME CROSS SECTION



MECHANICAL SPECIFICATIONS

LENGTH X WIDTH X THICKNESS	1973mm x 999mm x 40mm
WEIGHT	21 Kg
CELLS	72 polycrystalline cells 156mm x 156mm
JUNCTION BOX	THREE BYPASS DIODES 15A IP67
CONNECTORS	MC4 COMPATIBLE
FRAME	Anodized AL with drainage holes
GLASS	3,2 mm tempered glass
CERTIFIED NOMINAL LOAD	5400Pa

Dealer:

avproject



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