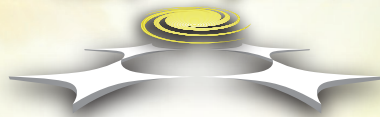


# avp 60HM

monocrystalline PV modules | 290-295-300 Wp

avproject



## PV has taken off



Made in Europe



Module presorting



Fire reaction Class 1



Positive power output tolerances



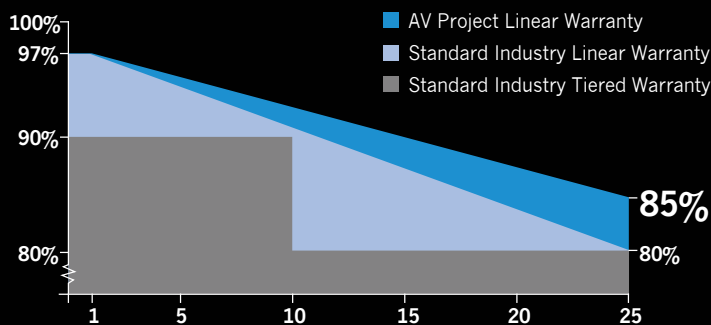
PID free



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

## AVP290HM

## AVP295HM

## AVP300HM

Advanced Vision Project

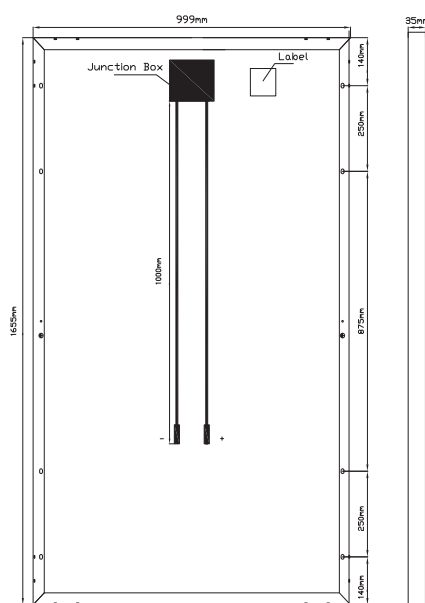
### ELECTRICAL SPECIFICATIONS @STC (AM 1,5 - 1000W/m<sup>2</sup> - 25°C)

MODULE TYPE		290Wp	295Wp	300Wp	UM
Max power	$P_{max}$	290	295	300	Wp
Voltage at Pmax	$V_{mp}$	31,89	32,1	32,3	V
Current at Pmax	$I_{mp}$	9,12	9,21	9,29	A
Open circuit voltage	$V_{oc}$	39,18	39,35	39,49	V
Short circuit current	$I_{sc}$	9,65	9,81	9,93	A
Tolerance		0/+5	0/+5	0/+5	W
System max voltage	$V_{sys}$	1000	1000	1000	V
Module efficiency		17,54	17,84	18,15	%
MAXIMUM REVERSE CURRENT		18	18	18	A

### ELECTRICAL SPECIFICATIONS @ NOCT (AM 1,5 - 800W/m<sup>2</sup> - 45°C)

MODULE TYPE		290Wp	295Wp	300Wp	UM
Max power	$P_{max}$	214,06	217,75	221,44	Wp
Voltage at Pmax	$V_{mp}$	29,12	29,33	29,57	V
Current at Pmax	$I_{mp}$	7,35	7,42	7,48	A
Open circuit voltage	$V_{oc}$	36,3	36,46	36,59	V
Short circuit current	$I_{sc}$	7,77	7,91	8,01	A

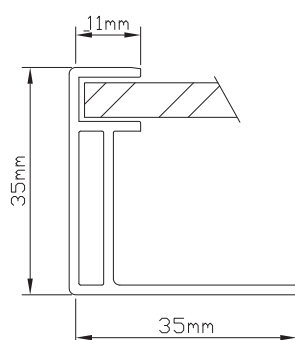
### DIMENSIONS



### THERMAL SPECIFICATIONS

MODULE TYPE		290Wp	295Wp	300Wp	UM
Power Temperature Coefficient		-0,407	-0,407	-0,407	%/°C
Voltage Temperature Coefficient		-0,309	-0,309	-0,309	%/°C
Current Temperature Coefficient		0,04	0,04	0,04	%/°C
NOCT		44±2	44±2	44±2	°C

### FRAME CROSS SECTION



### MECHANICAL SPECIFICATIONS

LENGTH X WIDTH X THICKNESS	1655mm x 999mm x 35mm
WEIGHT	19 Kg
CELLS	60 monocrystalline 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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