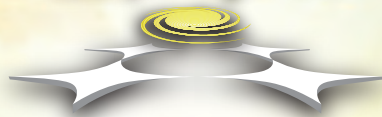


monocrystalline PV modules | 275-280-285 Wp

avproject



PV has taken off



Made in Europe



Module presorting



Fire reaction Class 1



Positive power output tolerances



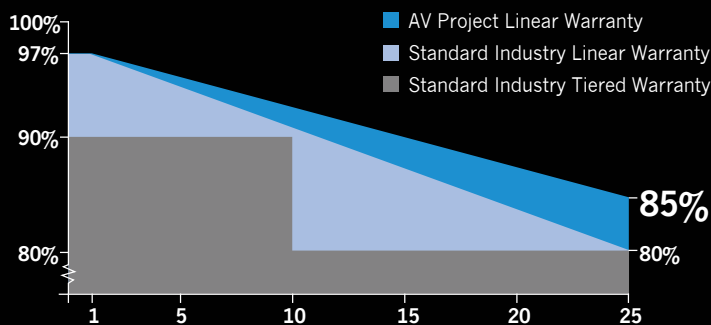
PID free



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

AVP275M

AVP280M

AVP285M

Advanced Vision Project

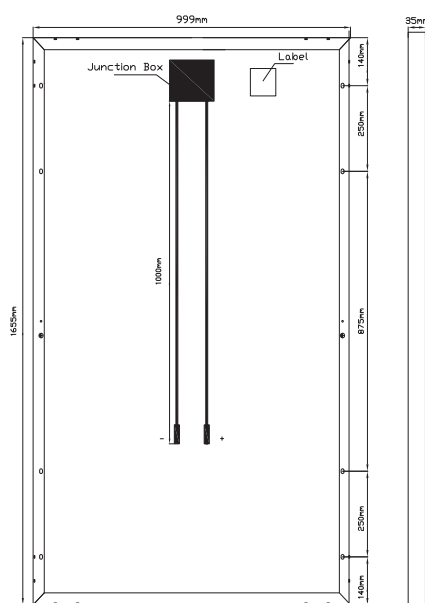
ELECTRICAL SPECIFICATIONS @STC (AM 1,5 - 1000W/m² - 25°C)

MODULE TYPE		275Wp	280Wp	285Wp	UM
Max power	P_{max}	275	280	285	Wp
Voltage at Pmax	V_{mp}	31,25	31,43	31,78	V
Current at Pmax	I_{mp}	8,86	8,95	9,03	A
Open circuit voltage	V_{oc}	38,04	38,28	38,46	V
Short circuit current	I_{sc}	9,39	9,45	9,56	A
Tolerance		0/+5	0/+5	0/+5	W
System max voltage	V_{sys}	1000	1000	1000	V
Module efficiency		16,63	16,94	17,24	%
MAXIMUM REVERSE CURRENT		18	18	18	A

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

MODULE TYPE		275Wp	280Wp	285Wp	UM
Max power	P_{max}	202,99	206,68	210,37	Wp
Voltage at Pmax	V_{mp}	28,42	28,65	28,9	V
Current at Pmax	I_{mp}	7,14	7,21	7,28	A
Open circuit voltage	V_{oc}	35,25	35,47	35,64	V
Short circuit current	I_{sc}	7,57	7,62	7,71	A

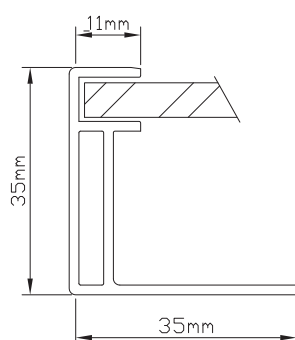
DIMENSIONS



THERMAL SPECIFICATIONS

MODULE TYPE		275Wp	280Wp	285Wp	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



Advanced Vision Project