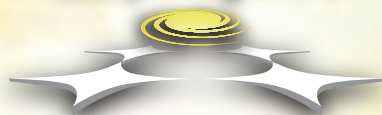


avp 72HP

polycrystalline PV modules | 320-325-330 Wp

avproject



PV has taken off



Made in Europe



Module presorting



Fire reaction Class 1



Positive power output tolerances



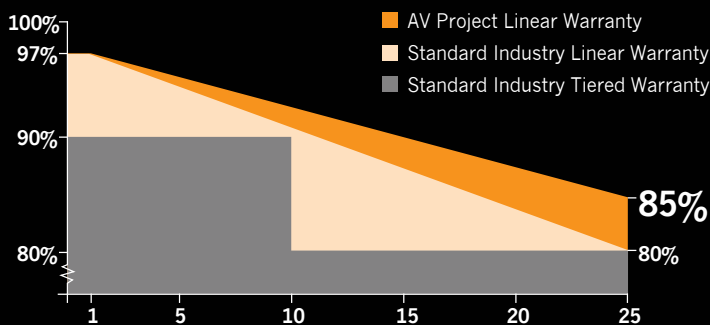
PID free



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

AVP320HP

AVP325HP

AVP330HP

Advanced Vision Project

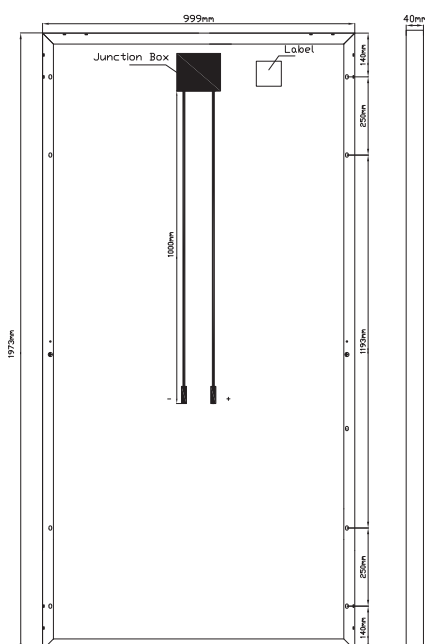
ELECTRICAL SPECIFICATIONS @STC (AM 1,5 - 1000W/m² - 25°C)

| MODULE TYPE | | 320Wp | 325Wp | 330Wp | UM |
|-------------------------|-----------|-------|-------|-------|----|
| Max power | P_{max} | 320 | 325 | 330 | Wp |
| Voltage at Pmax | V_{mp} | 37,62 | 37,81 | 37,96 | V |
| Current at Pmax | I_{mp} | 8,57 | 8,62 | 8,72 | A |
| Open circuit voltage | V_{oc} | 46,22 | 46,37 | 46,51 | V |
| Short circuit current | I_{sc} | 9,15 | 9,22 | 9,27 | A |
| Tolerance | 0/+5 | 0/+5 | 0/+5 | W | |
| System max voltage | V_{sys} | 1000 | 1000 | 1000 | V |
| Module efficiency | | 16,24 | 16,49 | 16,74 | % |
| MAXIMUM REVERSE CURRENT | | 18 | 18 | 18 | A |

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

| MODULE TYPE | | 320Wp | 325Wp | 330Wp | UM |
|-----------------------|-----------|--------|--------|--------|----|
| Max power | P_{max} | 235,72 | 239,41 | 243,09 | Wp |
| Voltage at Pmax | V_{mp} | 34,1 | 34,43 | 34,56 | V |
| Current at Pmax | I_{mp} | 6,91 | 6,95 | 7,03 | A |
| Open circuit voltage | V_{oc} | 42,63 | 42,76 | 42,89 | V |
| Short circuit current | I_{sc} | 7,38 | 7,44 | 7,48 | A |

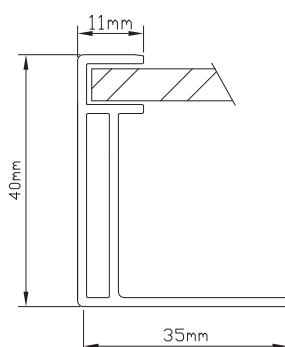
DIMENSIONS



THERMAL SPECIFICATIONS

| MODULE TYPE | | 320Wp | 325Wp | 330Wp | 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



Advanced Vision Project