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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Alpha Solar Planet GmbH  
ASP P6-72 HC Series 330W-355W  
ASP335P6-60**

Also available on the web at  
[EnergyPal.com/alpha-solar-planet-gmbh-solar-panels/asp335p6-60](http://EnergyPal.com/alpha-solar-planet-gmbh-solar-panels/asp335p6-60)

# PolyPower Half Cells

ASP P6-72 HC Series 330W-355W

Polycrystalline half cells PV-module



## QUALITY & RELIABILITY

Best raw materials, optimized production process and accurate testing makes the quality difference



## GERMAN ENGINEERING

Best design by the art of German engineering



## SAVE INVESTMENT

Product warranty of 12 years and performance warranty of 25 years



## POSITIVE PERFORMANCE TOLERANCE

Up to +5 W plus-tolerance on output



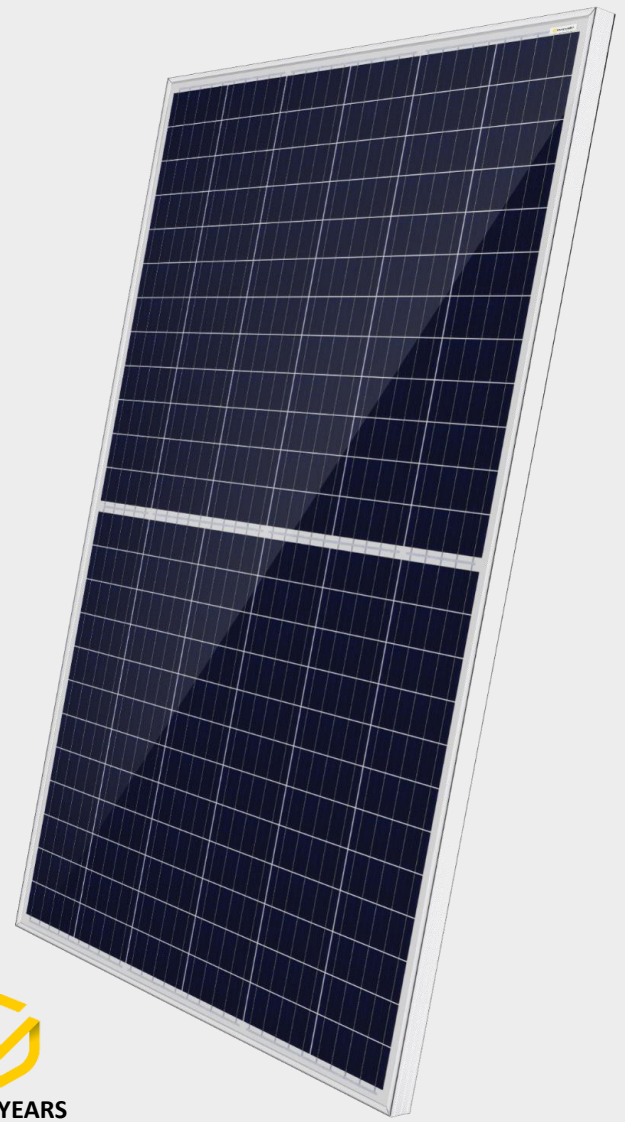
## FOR ALL ENVIRONMENTAL CONDITIONS

Resistant against PID, sand, salt and ammonia



## STABLE AND STRONG

Capable to bear heavy snow loads up to 5400 Pa and wind loads up to 2400 Pa

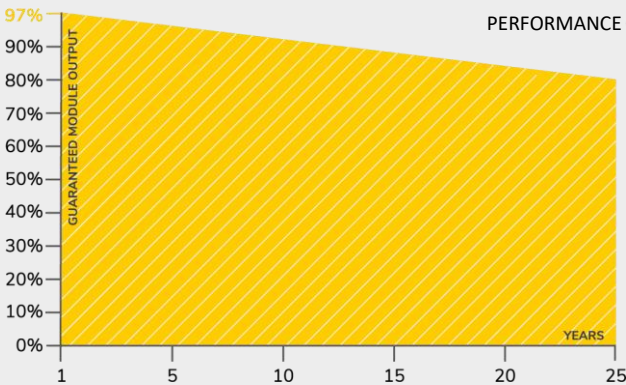


**12 YEARS**  
PRODUCT WARRANTY

## OUR PERFORMANCE GUARANTEE



**25 YEARS**  
PERFORMANCE GUARANTEE



## CERTIFICATES

SGS  
**TÜV**  
SAAR

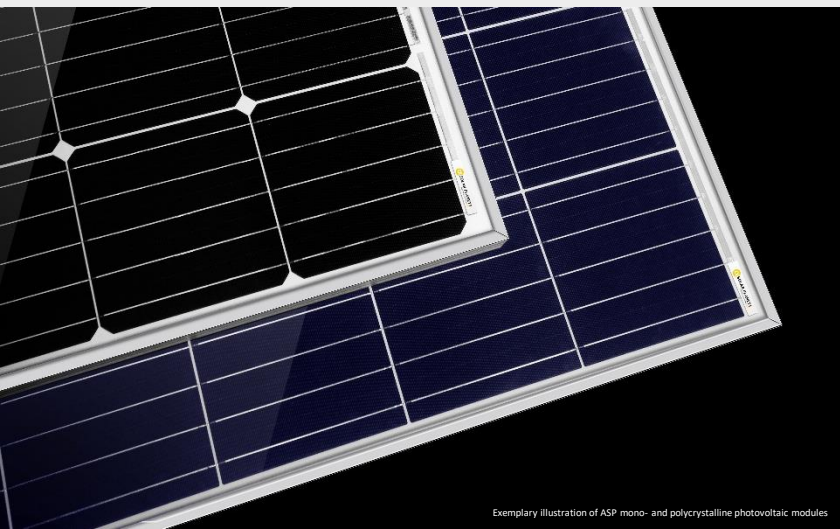
IEC 61215  
IEC 61730  
PERIODICAL  
INCEPTION

**SGS**

PID RESISTANT  
SALT MIST RESISTANT  
SAND RESISTANT  
CORROSIVE GAS (NH<sub>3</sub>)

**CE**

**CEC**



**SOLAR PLANET**

Enjoy the quality difference

# PolyPower Half Cells Module

ASP P6-72 HC Series 330W-355W

## TECHNICAL DATA

ASP330P6-60    ASP335P6-60    ASP340P6-60    ASP345P6-60    ASP350P6-60    ASP355P6-60

|  |                       |            |       |       |       |       |       |
|--|-----------------------|------------|-------|-------|-------|-------|-------|
| Maximum power                                | P <sub>max</sub> (Wp) | 330        | 335   | 340   | 345   | 350   | 355   |
| Maximum power voltage                        | V <sub>mp</sub> (V)   | 38.11      | 38.38 | 38.60 | 38.86 | 39.11 | 39.36 |
| Maximum power current                        | I <sub>mp</sub> (A)   | 8.66       | 8.73  | 8.81  | 8.88  | 8.95  | 9.02  |
| Open-circuit voltage                         | V <sub>oc</sub> (V)   | 45.96      | 46.24 | 46.51 | 46.79 | 47.05 | 47.42 |
| Short-circuit current                        | I <sub>sc</sub> (A)   | 9.20       | 9.46  | 9.57  | 9.68  | 9.74  | 9.85  |
| Module efficiency                            | %                     | 16.65      | 16,9  | 17.15 | 17.41 | 17.66 | 17.91 |
| Power tolerance                              | P <sub>max</sub> (W)  | 0 / +5     |       |       |       |       |       |
| Maximum system voltage DC                    | V                     | 1000       |       |       |       |       |       |
| Operating temperature                        | °C                    | -40 to +85 |       |       |       |       |       |
| Temperature coefficients of P <sub>max</sub> | %/°C                  | -0.39      |       |       |       |       |       |
| Temperature coefficients of V <sub>oc</sub>  | %/°C                  | -0.33      |       |       |       |       |       |
| Temperature coefficients of I <sub>sc</sub>  | %/°C                  | 0.05       |       |       |       |       |       |
| Nominal operating cell temp. (NOCT)          | °C                    | 45 ± 3     |       |       |       |       |       |

The electrical data apply to standard test conditions (STC): Irradiance of 1000 W/m<sup>2</sup> with spectrum AM 1.5 and a cell temperature of 25°C.

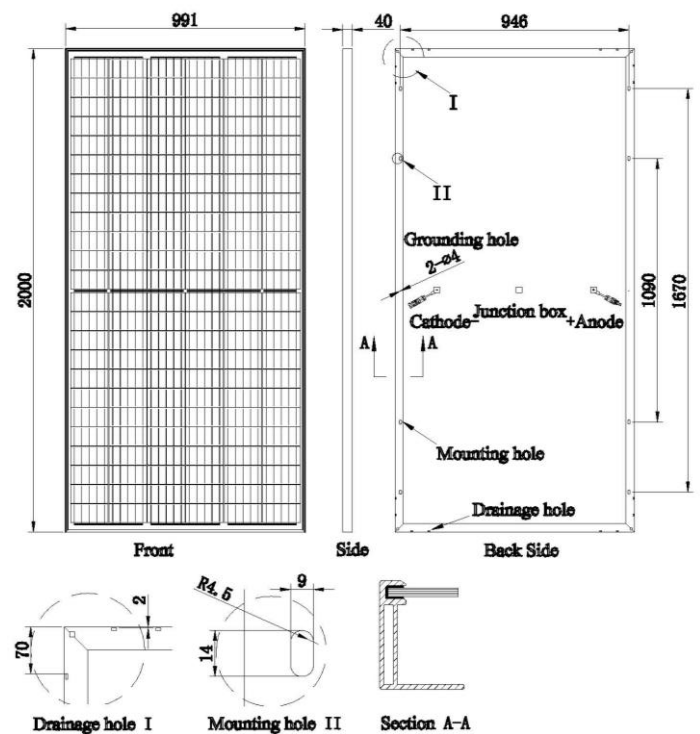
## MATERIAL CHARACTERISTICS

|                 |                                   |
|-----------------|-----------------------------------|
| Cell type       | Polycrystalline 156.75 x 78.38 mm |
| No. of cells    | 144 (6 x 24)                      |
| Dimensions      | 2000 x 991 x 40 mm                |
| Weight          | 19 kg                             |
| Junction box    | IP 67 rated                       |
| Output cable    | 4 mm <sup>2</sup> , 350 mm length |
| Connector type  | MC 4 / MC 4 compatible            |
| Hail resistance | Max. Ø 25 mm, at 23 m/s           |
| Wind load       | 2400 Pa / 244 kg / m <sup>2</sup> |
| Mechanical load | 5400 Pa / 550 kg / m <sup>2</sup> |

## PACKING INFORMATION

|                       |                        |
|-----------------------|------------------------|
| Packing configuration | 56 pcs / double pallet |
| Loading capacity      | 616 pcs / 40 HQ        |
| Size / pallet         | 2040 x 1120 x 2385mm   |
| Weight                | 1345 kg / pallet       |

## DRAWINGS



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