

# PolyPower Basic

ASP P6-72 Series 315W-330W

Polycrystalline 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



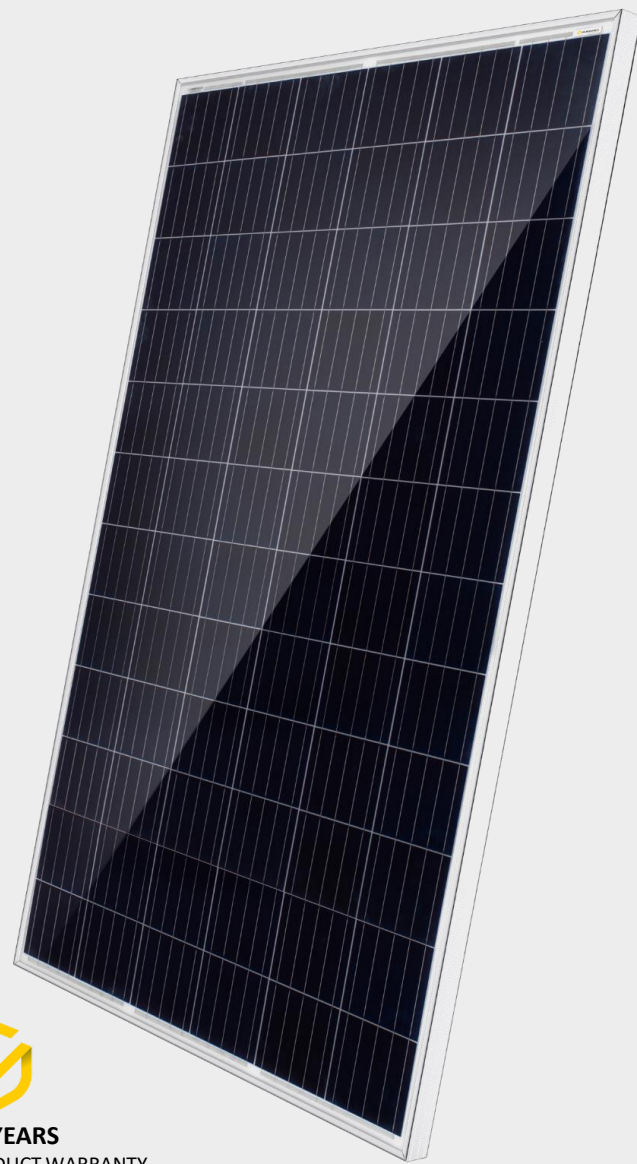
## FOR ALL ENVIRONMENTAL CONDITIONS

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

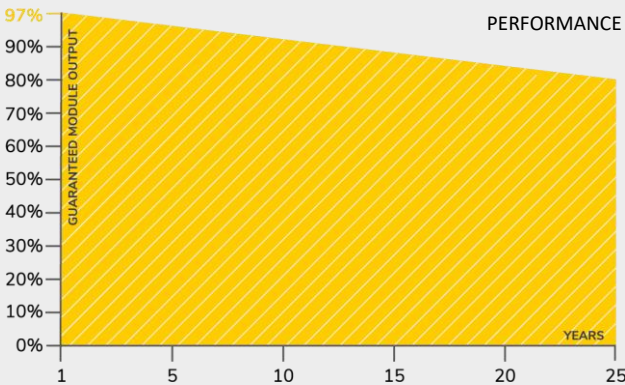


**12 YEARS**  
PRODUCT WARRANTY

## OUR PERFORMANCE GUARANTEE



**25 YEARS**  
PERFORMANCE GUARANTEE



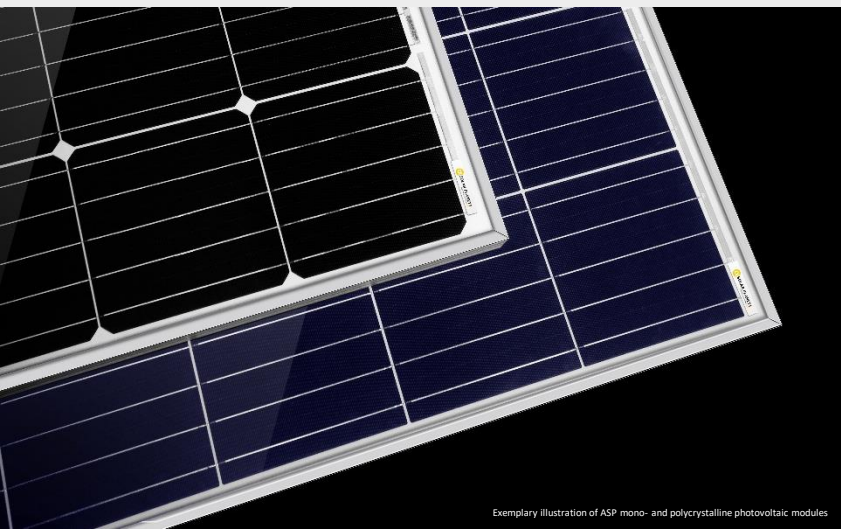
## CERTIFICATES



IEC 61215  
IEC 61730  
PERIODICAL  
INCEPTION



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



**ALPHA SOLAR PLANET**  
Enjoy the quality difference

# PolyPower Basic Module

ASP P6-72 Series 315W-330W

## TECHNICAL DATA

		ASP315P6-72	ASP320P6-72	ASP325P6-72	ASP330P6-72
Maximum power	P <sub>max</sub> (Wp)	315	320	325	330
Maximum power voltage	V <sub>mp</sub> (V)	36.66	36.75	36.83	36.97
Maximum power current	I <sub>mp</sub> (A)	8.59	8.71	8.82	8.93
Open-circuit voltage	V <sub>oc</sub> (V)	45.59	45.72	45.83	45.89
Short-circuit current	I <sub>sc</sub> (A)	9.24	9.28	9.33	9.37
Module efficiency	%	16.23	16.49	16.75	17.01
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		-0.40		
Temperature coefficients of V <sub>oc</sub>	%/°C		-0.31		
Temperature coefficients of I <sub>sc</sub>	%/°C		0.05		
Nominal operating cell temp. (NOCT)	°C		45 ± 2		

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.

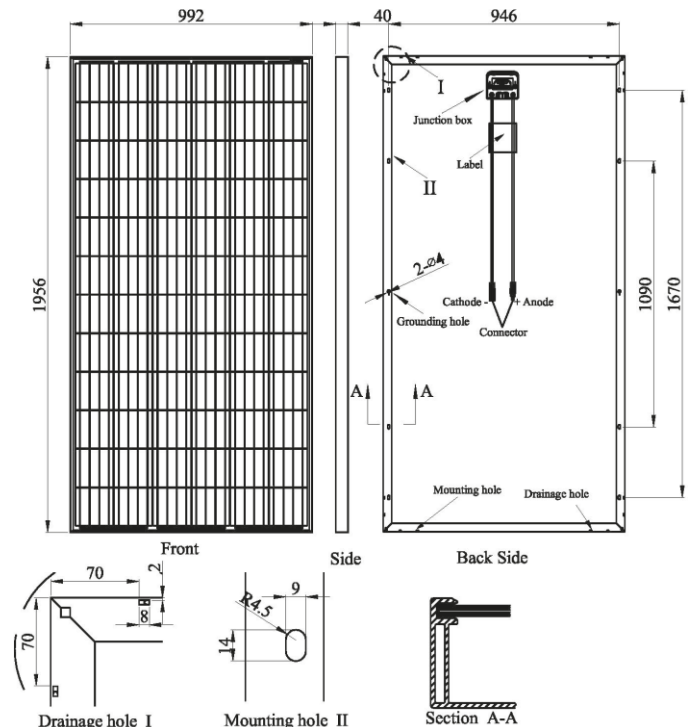
## MATERIAL CHARACTERISTICS

Cell type	Polycrystalline 156.75 x 156.75 mm
No. of cells	72 (6 x 12)
Dimensions	1956 x 992 x 40mm
Weight	21 kg
Junction box	IP 67 rated
Output cable	4 mm <sup>2</sup> , 1100 mm length
Connector type	MC 4 / MC 4 compatible
Hail resistance	Max. Ø 28 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	672 pcs / 40 HQ
Size / pallet (mm)	1980 x 1120 x 2410
Weight	1300 kg / pallet

## DRAWINGS



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