

**For a Free Quote:**

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**

# **EnergyPal**

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

**Alpha Solar Planet GmbH  
ASP P6-48 Series 200W-225W  
ASP210P6-48**

Also available on the web at  
[EnergyPal.com/alpha-solar-planet-gmbh-solar-panels/asp210p6-48](http://EnergyPal.com/alpha-solar-planet-gmbh-solar-panels/asp210p6-48)

# PolyPower Basic

ASP P6-48 Series 200W-225W

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



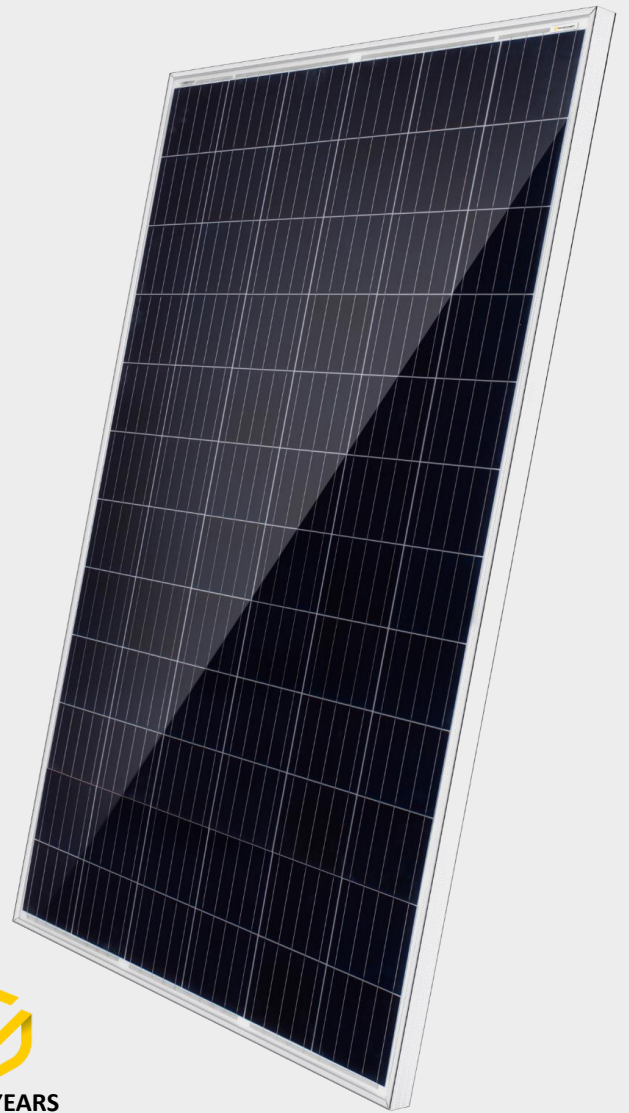
## FOR ALL ENVIRONMENTAL CONDITIONS

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

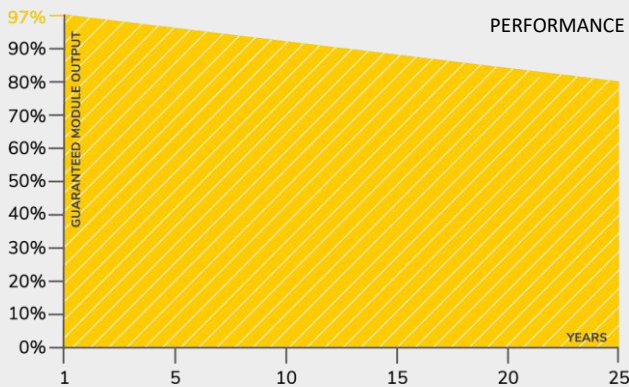
Exemplary illustration of ASP P6-72

## OUR PERFORMANCE GUARANTEE



**25 YEARS**

PERFORMANCE GUARANTEE



## CERTIFICATES

SGS  
**TÜV**  
SAAR

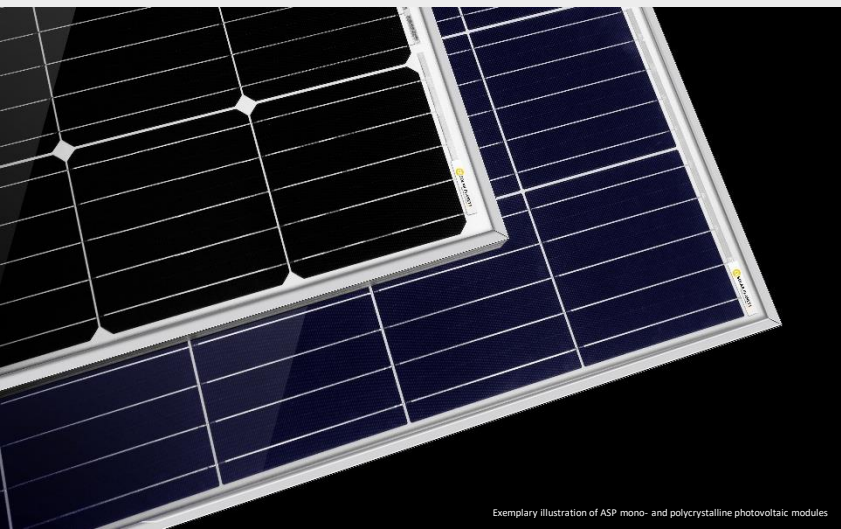
IEC 61215  
IEC 61730  
PERIODICAL  
INCEPTION

**SGS**

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

CE

CEC



Exemplary illustration of ASP mono- and polycrystalline photovoltaic modules



**SOLAR PLANET**

Enjoy the quality difference

# PolyPower Basic Module

ASP P6-48 Series 200W-225W

## TECHNICAL DATA

ASP200P6-48

ASP205P6-48

ASP210P6-48

ASP215P6-48

ASP220P6-48

ASP225P6-48

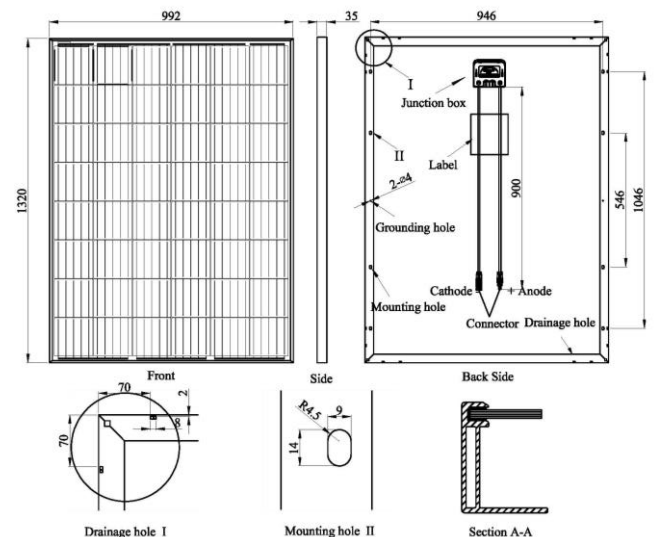
Parameter	Unit	ASP200P6-48	ASP205P6-48	ASP210P6-48	ASP215P6-48	ASP220P6-48	ASP225P6-48
Maximum power	P <sub>max</sub> (Wp)	200	205	210	215	220	225
Maximum power voltage	V <sub>mp</sub> (V)	23.27	23.69	24.10	24.52	24.93	25.35
Maximum power current	I <sub>mp</sub> (A)	8.59	8.65	8.71	8.77	8.82	8.88
Open-circuit voltage	V <sub>oc</sub> (V)	29.95	30.16	30.37	30.58	30.78	30.99
Short-circuit current	I <sub>sc</sub> (A)	9.25	9.29	9.33	9.35	9.39	9.42
Module efficiency	%	15.27	15.66	16.04	16.42	16.80	17.18
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	-0.36					
Temperature coefficients of V <sub>oc</sub>	%/°C	-0.36					
Temperature coefficients of I <sub>sc</sub>	%/°C	0.06					
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	48 (6 x 8)
Dimensions	1320 x 992 x 35 mm
Weight	15 kg
Junction box	2 bypass diodes, IP 67 rated
Output cable	4.0 mm <sup>2</sup> , 900 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>

## DRAWINGS



## PACKING INFORMATION

Packing configuration	62 pcs / double pallet
Loading capacity	992 pcs / 40 HQ
Size / pallet	1370 x 1135 x 2325 mm
Weight	748 kg / pallet



Alpha Solar Planet GmbH  
Schwalbenweg 1 g, 86343 Königsbrunn

Tel.: +49 8231 99190 70  
Fax: +49 8231 99190 89

E-mail: info@a-s-p.solar  
Web: www.a-s-p.solar

