

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



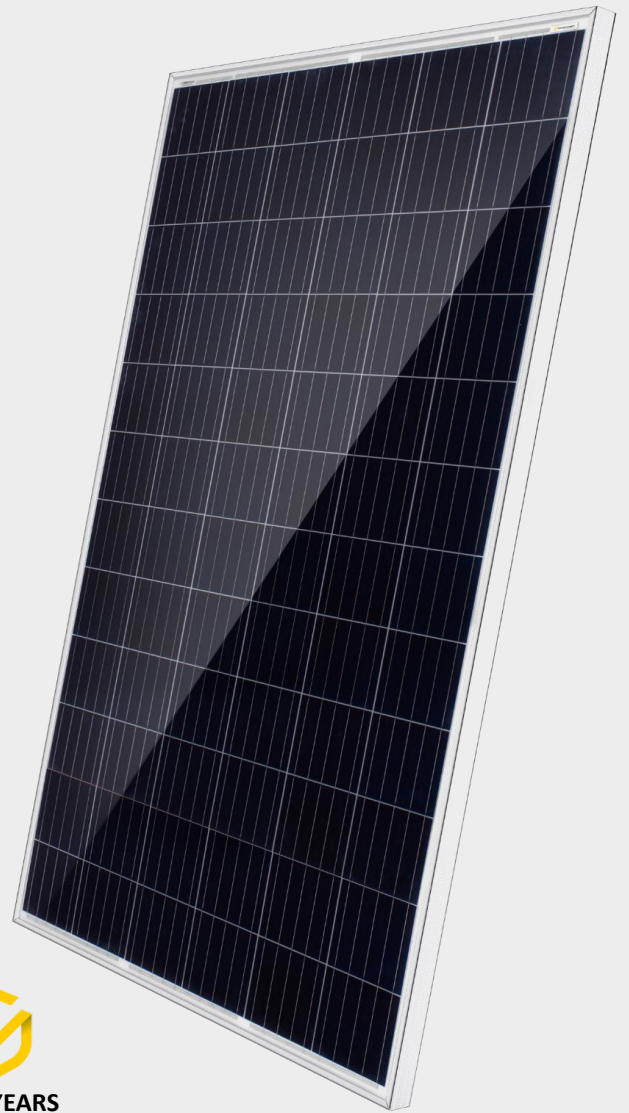
FOR ALL ENVIRONMENTAL CONDITIONS

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

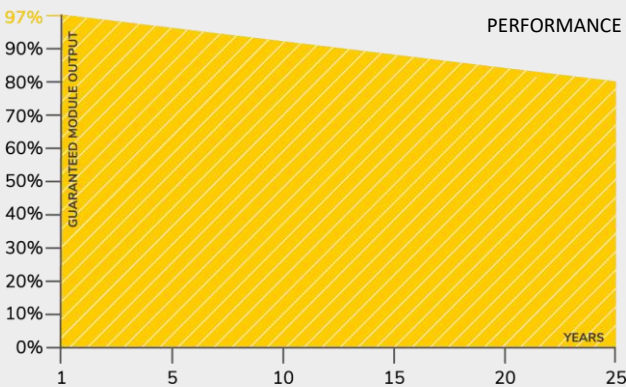
Exemplary illustration of ASP P6-72

OUR PERFORMANCE GUARANTEE



25 YEARS

PERFORMANCE GUARANTEE



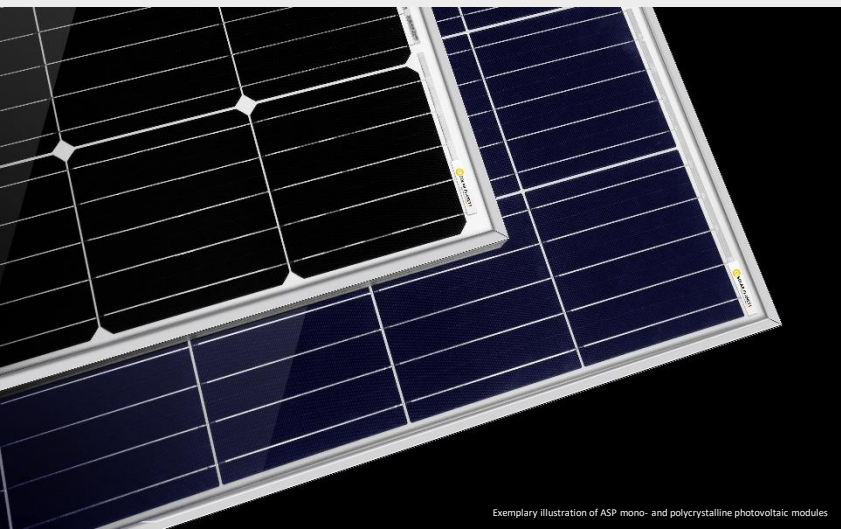
CERTIFICATES



IEC 61215
IEC 61730
PERIODICAL
INCEPTION



PID RESISTANT
SALT MIST RESISTANT
SAND RESISTANT
CORROSIVE GAS (NH₃)



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

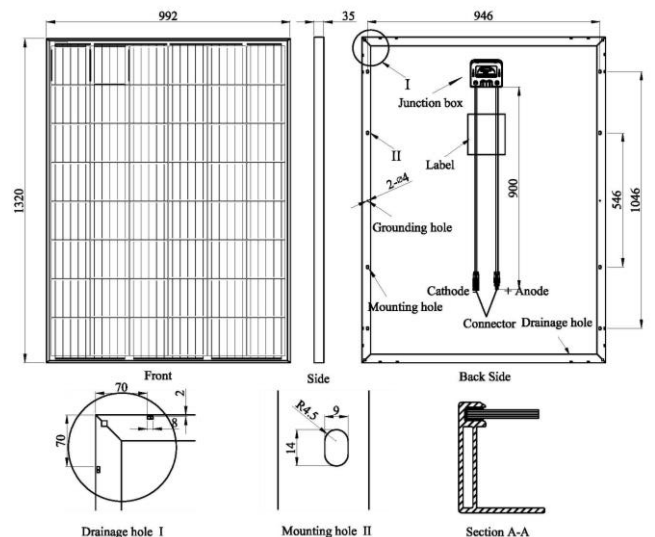
Parameter	Unit	ASP200P6-48	ASP205P6-48	ASP210P6-48	ASP215P6-48	ASP220P6-48	ASP225P6-48
Maximum power	P _{max} (Wp)	200	205	210	215	220	225
Maximum power voltage	V _{mp} (V)	23.27	23.69	24.10	24.52	24.93	25.35
Maximum power current	I _{mp} (A)	8.59	8.65	8.71	8.77	8.82	8.88
Open-circuit voltage	V _{oc} (V)	29.95	30.16	30.37	30.58	30.78	30.99
Short-circuit current	I _{sc} (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 _{max} (W)	0 / +5					
Maximum system voltage DC	V	1000					
Operating temperature	°C	-40 to +85					
Temperature coefficients of P _{max}	%/°C	-0.36					
Temperature coefficients of V _{oc}	%/°C	-0.36					
Temperature coefficients of I _{sc}	%/°C	0.06					
Nominal operating cell temp. (NOCT)	°C	45 ± 2					

The electrical data apply to standard test conditions (STC): Irradiance of 1000 W/m² 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 ² , 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 ²
Mechanical load	5400 Pa / 550 kg / m ²

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

