

MonoPower Large Half Cells

ASP HM6L-72 Series 390W-400W

Monocrystalline 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



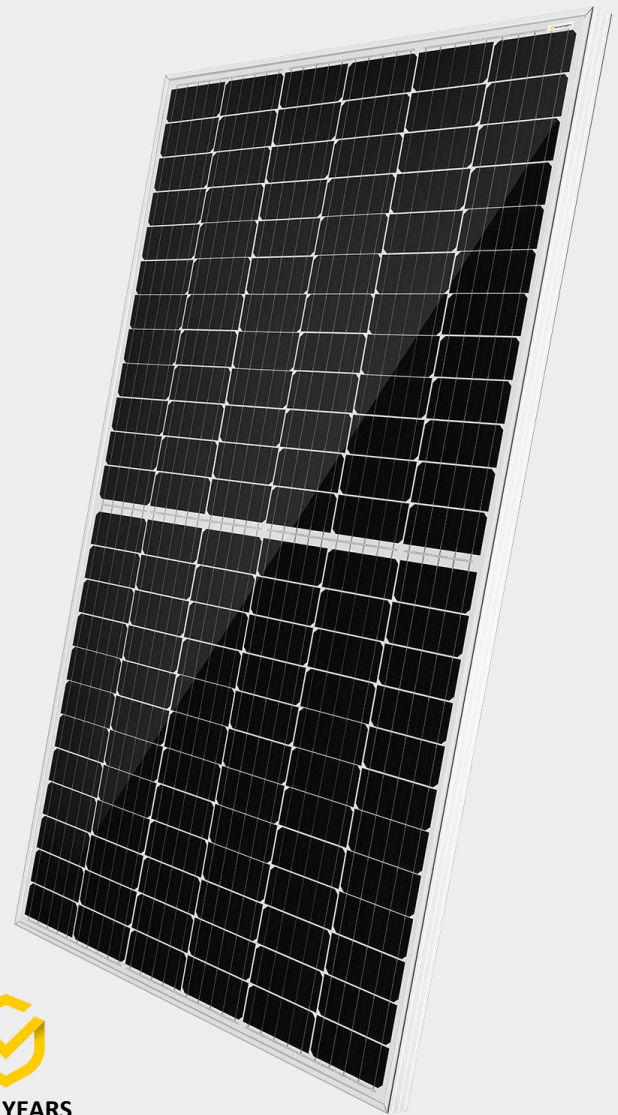
FOR ALL ENVIRONMENTAL CONDITIONS

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

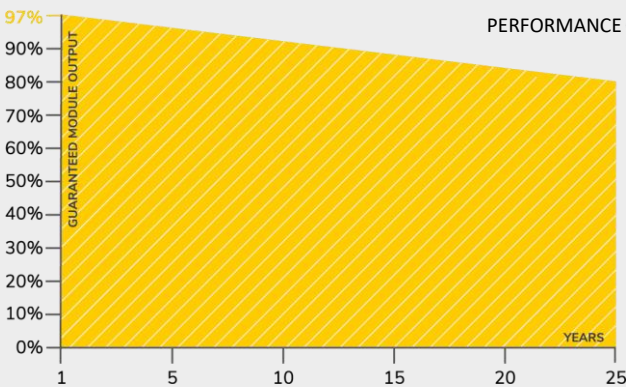


12 YEARS
PRODUCT WARRANTY

OUR PERFORMANCE GUARANTEE



25 YEARS
PERFORMANCE GUARANTEE



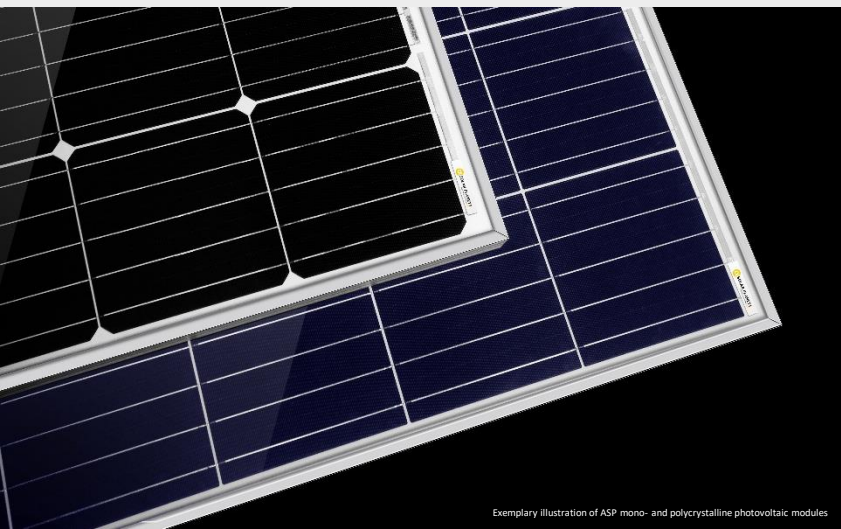
CERTIFICATES



IEC 61215
IEC 61730
PERIODICAL
INCEPTION



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



ALPHA SOLAR PLANET
Enjoy the quality difference

MonoPower Large Half Cells

ASP HM6L-72 Series 390W-400W

TECHNICAL DATA

ASP390HM6L-72

ASP395HM6L-72

ASP400HM6L-72

Parameter	Unit	ASP390HM6L-72	ASP395HM6L-72	ASP400HM6L-72
Maximum power	P _{max} (Wp)	390	395	400
Maximum power voltage	V _{mp} (V)	40.79	41.06	41.32
Maximum power current	I _{mp} (A)	9.56	9.62	9.68
Open-circuit voltage	V _{oc} (V)	49.06	49.35	49.45
Short-circuit current	I _{sc} (A)	10.10	10.17	10.24
Module efficiency	%	19.29	19.53	19.78
Power tolerance	P _{max} (W)	0/+5		
Maximum system voltage DC	V	1500		
Operating temperature	°C	-40 to +85		
Temperature coefficients of P _{max}	%/°C	-0.353		
Temperature coefficients of V _{oc}	%/°C	-0.28		
Temperature coefficients of I _{sc}	%/°C	0.04		
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.

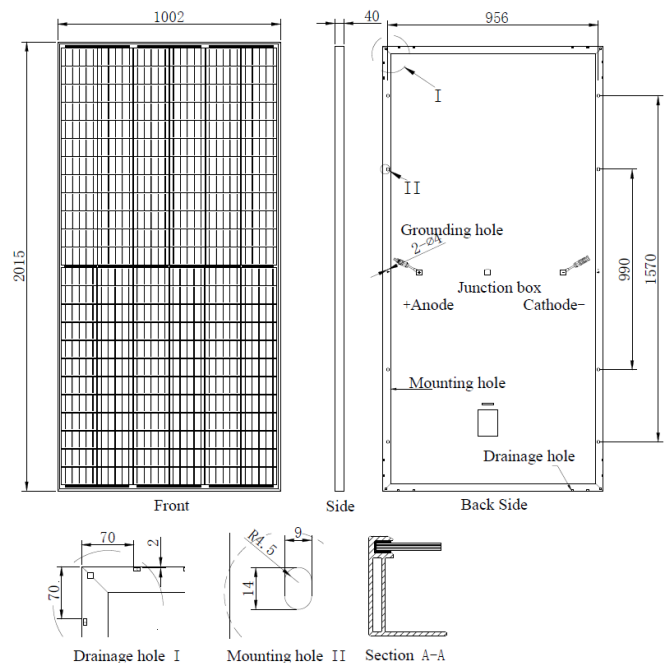
MATERIAL CHARACTERISTICS

Cell type	Monocrystalline 158.75 x 79.38 mm
No. of cells	144 (6 x 24)
Dimensions	2015 x 1002 x 40 mm
Weight	22.8 kg
Junction box	IP68 rated
Output cable	4.0 mm ² , 350 mm length
Connector type	MC4 / MC4 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

PACKING INFORMATION

Packing configuration	58 pcs / double pallet
Loading capacity	638 pcs / 40 HQ
Size / pallet	2060 x 1120 x 2430 mm
Weight	1421 kg / double pallet

DRAWINGS



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