

# MonoPower Basic

ASP M6-72 Series 375W-385W

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



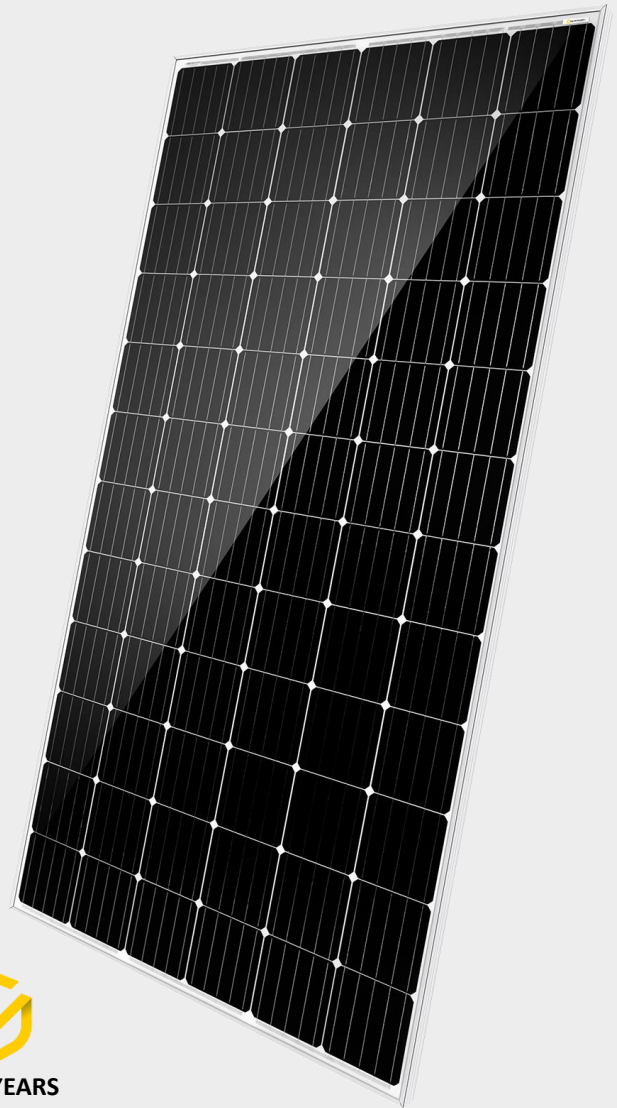
## FOR ALL ENVIRONMENTAL CONDITIONS

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

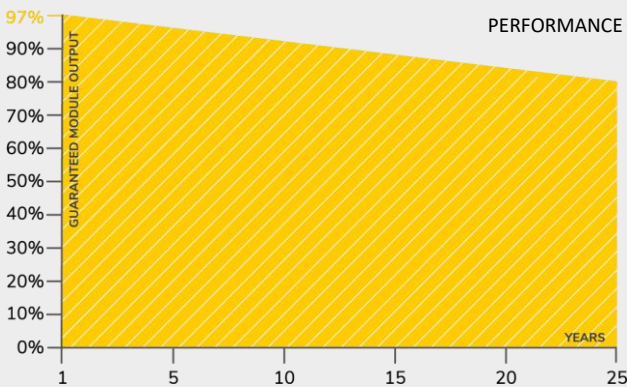


**12 YEARS**  
PRODUCT WARRANTY

## OUR PERFORMANCE GUARANTEE



**25 YEARS**  
PERFORMANCE GUARANTEE



## CERTIFICATES



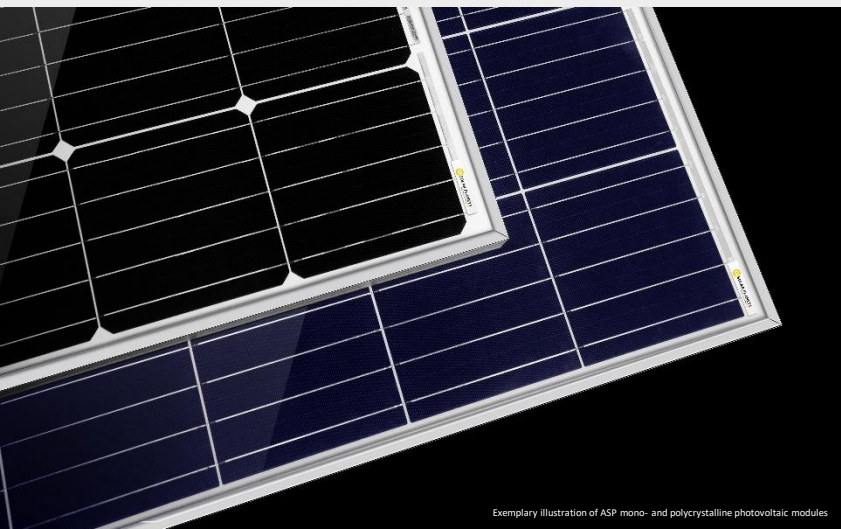
IEC 61215  
IEC 61730  
PERIODICAL  
INCEPTION



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



**Quality  
Diligence  
Durability**



# MonoPower Basic Module

ASP M6-72 Series 375W-385W

## TECHNICAL DATA

		ASP375M6-72	ASP380M6-72	ASP385M6-72
Maximum power	P <sub>max</sub> (Wp)	375	380	385
Maximum power voltage	V <sub>mp</sub> (V)	39.66	39.71	39.73
Maximum power current	I <sub>mp</sub> (A)	9.46	9.57	9.69
Open-circuit voltage	V <sub>oc</sub> (V)	47.53	47.59	47.81
Short-circuit current	I <sub>sc</sub> (A)	9.75	9.82	9.95
Module efficiency	%	19.33	19.58	19.84
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		-0.38	
Temperature coefficients of V <sub>oc</sub>	%/°C		-0.29	
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.

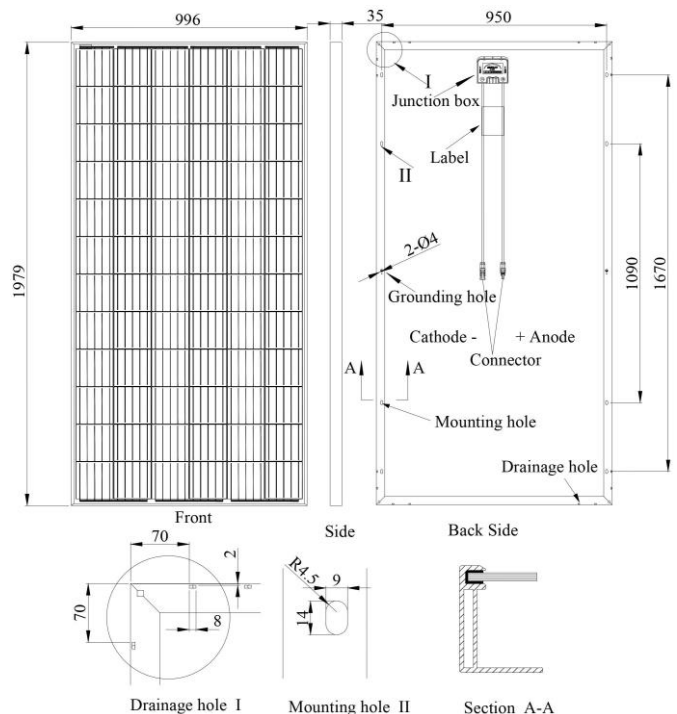
## MATERIAL CHARACTERISTICS

Cell type	Monocrystalline 156.75 x 156.75 mm
No. of cells	72 (6 x 12)
Dimensions	1956 x 992 x 35 mm
Weight	20.0 kg
Junction box	IP67 rated
Output cable	4.0 mm <sup>2</sup> , 1200 mm length
Connector type	MC4 / MC4 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	64 pcs / double pallet
Loading capacity	768 pcs / 40 HQ
Size / pallet	1985 x 1120 x 2390 mm
Weight	1395 kg / pallet

## DRAWINGS



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