

# 2-Face MonoPower Basic

## Single glass with frame

ASP M6-60 BF Series 310W-320W

Bifacial 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



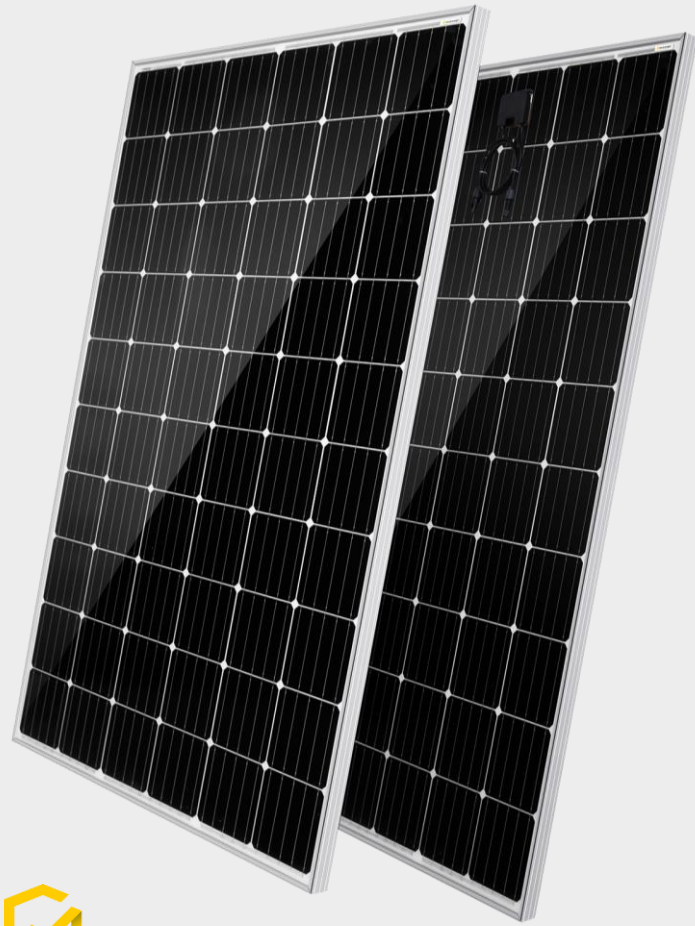
### FOR ALL ENVIRONMENTAL CONDITIONS

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

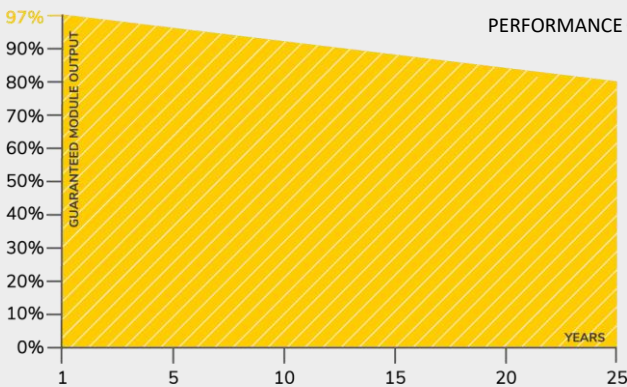


**12 YEARS**  
PRODUCT WARRANTY

## OUR PERFORMANCE GUARANTEE



**25 YEARS**  
PERFORMANCE GUARANTEE



## CERTIFICATES

SGS  
**TÜV**  
SAAR

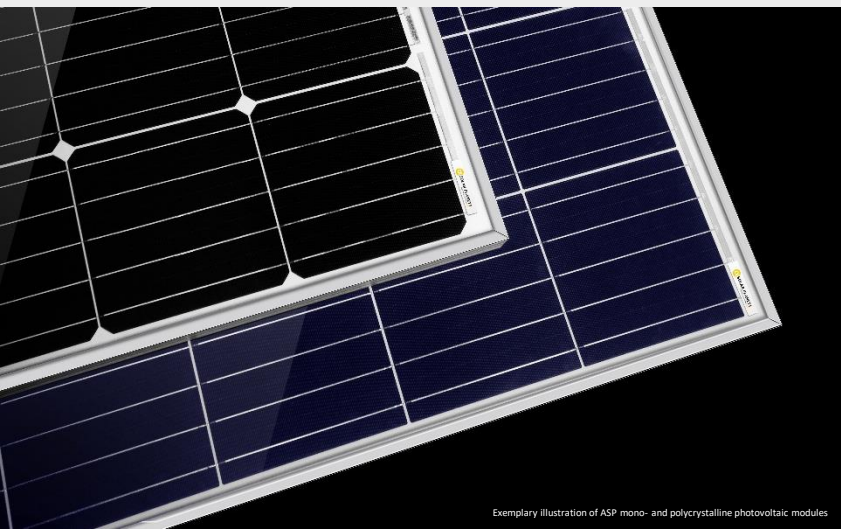
IEC 61215  
IEC 61730  
PERIODICAL  
INCEPTION

**SGS**

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

**CE**

**CEC**



**SOLAR PLANET**  
Enjoy the quality difference

## 2-Face MonoPower Basic Module

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### TECHNICAL DATA

ASP310M6-60

ASP315M6-60

ASP320M6-60

		ASP310M6-60	ASP315M6-60	ASP320M6-60
Maximum power	P <sub>max</sub> (Wp)	310	315	320
Maximum power voltage	V <sub>mp</sub> (V)	34.48	34.96	35.43
Maximum power current	I <sub>mp</sub> (A)	8.99	9.01	9.03
Open-circuit voltage	V <sub>oc</sub> (V)	40.14	40.50	40.86
Short-circuit current	I <sub>sc</sub> (A)	9.9	9.97	10.04
Module efficiency	%	18.84	19.15	19.46
Power tolerance	P <sub>max</sub> (W)		0/+5	
Maximum system voltage DC	V		1500	
Operating temperature	°C		-40 to +85	
Temperature coefficients of P <sub>max</sub>	%/°C		-0.44	
Temperature coefficients of V <sub>oc</sub>	%/°C		-0.33	
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.

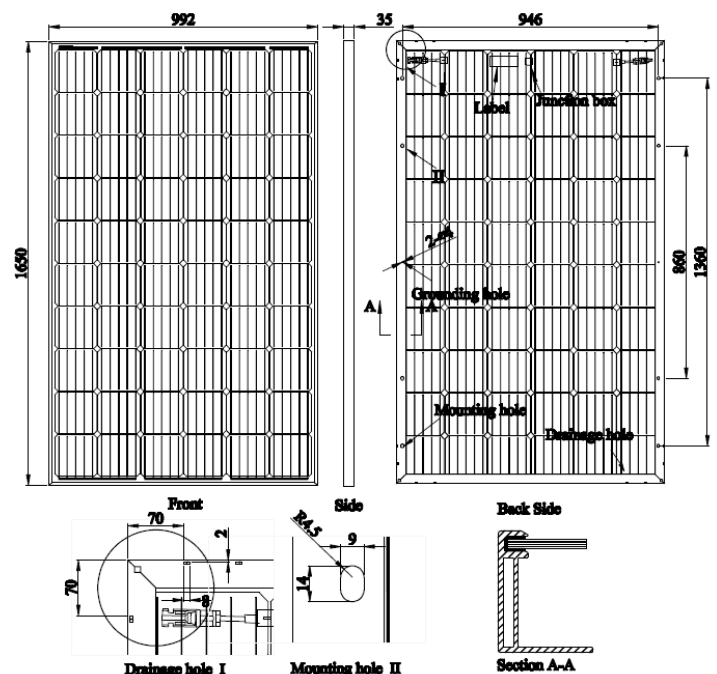
### MATERIAL CHARACTERISTICS

Cell type	Bifacial monocrystalline 156.75 x 156.75 mm
No. of cells	60 (6 x 10)
Dimensions	1650 x 992 x 40 mm
Weight	23.2 kg
Junction box	IP68 rated
Output cable	4.0 mm <sup>2</sup> , 300 mm length
Connector type	QC4. 10-35
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	66 pcs / double pallet
Loading capacity	858 pcs / 40 HQ
Size / pallet	1710 x 1140 x 2264 mm
Weight	1623 kg / pallet

### DRAWINGS



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