

2-Face MonoPower Basic

Double glass without 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



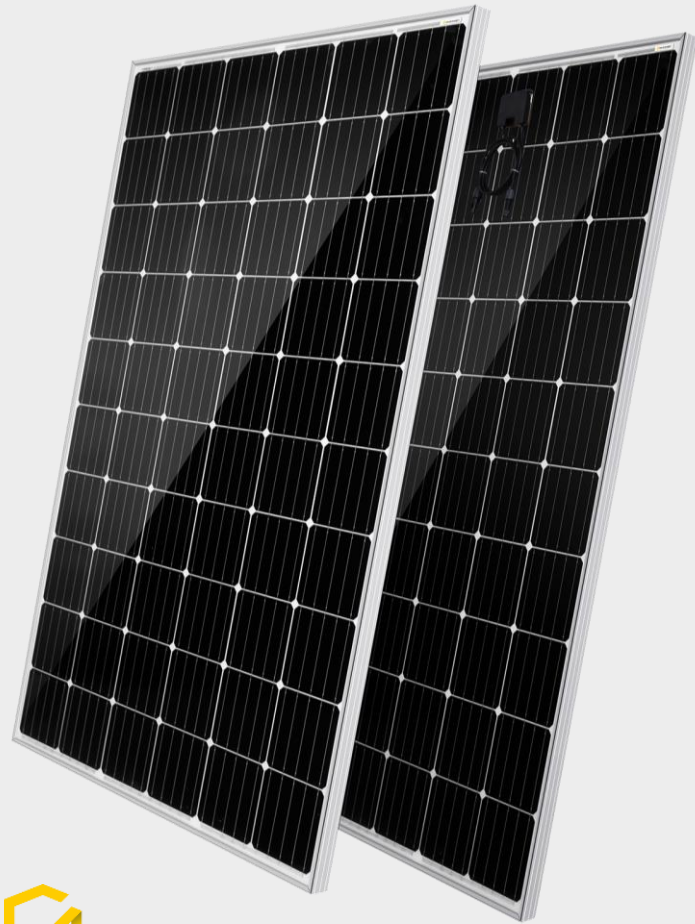
FOR ALL ENVIRONMENTAL CONDITIONS

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

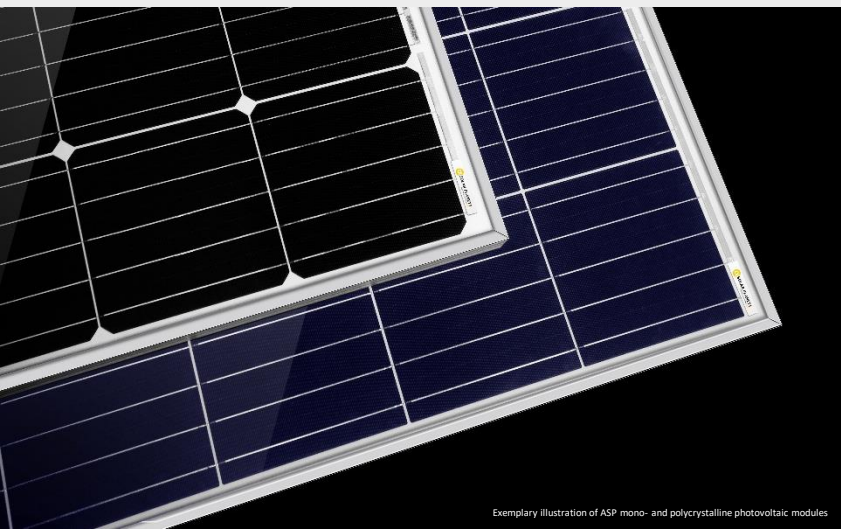
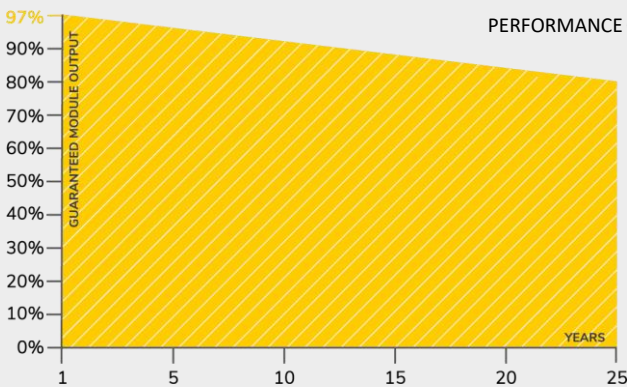
Exemplary illustration of ASP M6-60 BF – Single glass with frame

OUR PERFORMANCE GUARANTEE



25 YEARS

PERFORMANCE GUARANTEE



Exemplary illustration of ASP mono- and polycrystalline photovoltaic modules

CERTIFICATES

SGS
TÜV
SAAR

IEC 61215
IEC 61730
PERIODICAL
INCEPTION

SGS

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

CE

CEC



SOLAR PLANET

Enjoy the quality difference

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TECHNICAL DATA

ASP310M6-60

ASP315M6-60

ASP320M6-60

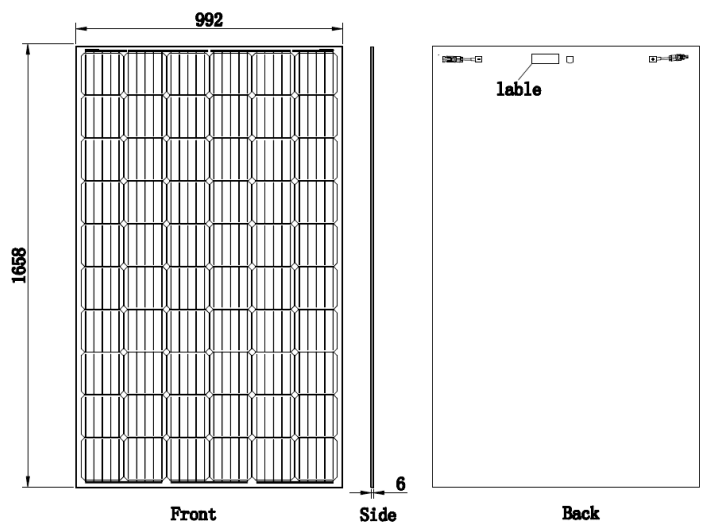
		ASP310M6-60	ASP315M6-60	ASP320M6-60
Maximum power	P _{max} (Wp)	310	315	320
Maximum power voltage	V _{mp} (V)	36.01	36.46	35.82
Maximum power current	I _{mp} (A)	8.61	8.64	8.69
Open-circuit voltage	V _{oc} (V)	39.36	41.84	42.15
Short-circuit current	I _{sc} (A)	9.32	9.41	9.49
Module efficiency	%	18.85	19.15	19.46
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		-0.436	
Temperature coefficients of V _{oc}	%/°C		-0.325	
Temperature coefficients of I _{sc}	%/°C		0.054	
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	Bifacial monocrystalline 156.75 x 156.75 mm
No. of cells	72 (6 x 12)
Dimensions	1658 x 992 x 6 mm (J-box not included)
Weight	23.2 kg
Front glass	2.5 mm tempered AR glass
Encapsulant	POE
Back glass	2.5 mm tempered glass / 2.5 mm ceramic coated glass
Junction box	IP68 rated (three bypass diodes)
Output cable	4.0 mm ² , 300 mm length
Connector type	QC4. 10-35
Wind load	2400 Pa / 244 kg / m ²
Mechanical load	5400 Pa / 550 kg / m ²

DRAWINGS



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



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