

# Black Elegance Basic

ASP M6-72 BE Series 340W-360W  
Monocrystalline PV-module in Black Design



**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

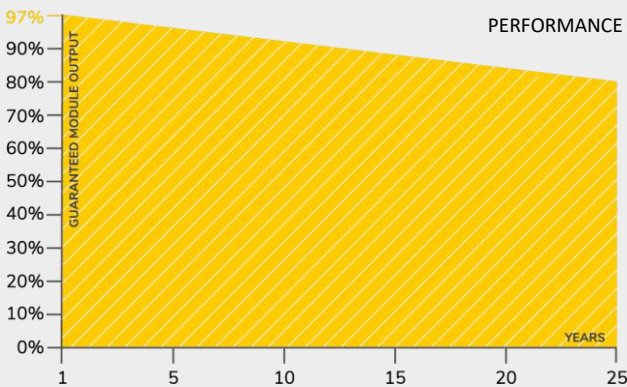


**12 YEARS**  
PRODUCT WARRANTY

## OUR PERFORMANCE GUARANTEE



**25 YEARS**  
PERFORMANCE GUARANTEE



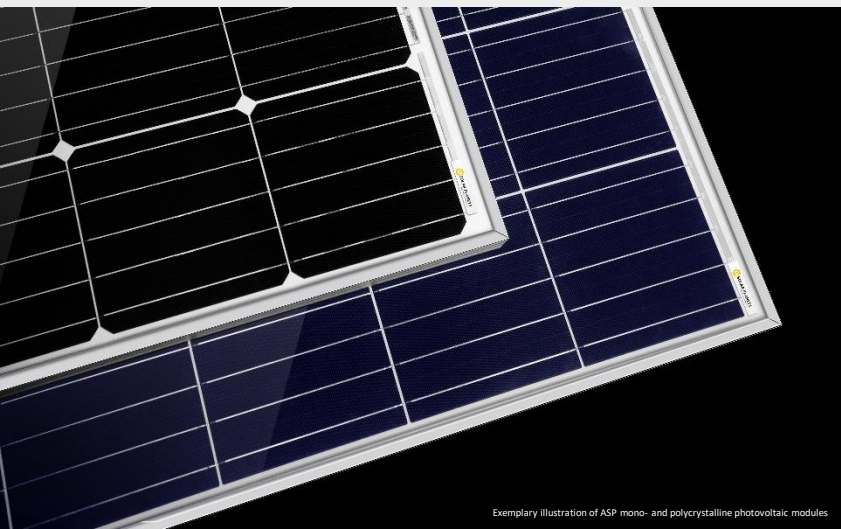
## CERTIFICATES



IEC 61215  
IEC 61730  
PERIODICAL  
INCEPTION



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



**ALPHA SOLAR PLANET**  
Enjoy the quality difference

# Black Elegance Basic Module

ASP M6-72 BE Series 340W-360W

## TECHNICAL DATA

ASP340M6-72

ASP345M6-72

ASP350M6-72

ASP355M6-72

ASP360M6-72

Parameter	Unit	ASP340M6-72	ASP345M6-72	ASP350M6-72	ASP355M6-72	ASP360M6-72
Maximum power	P <sub>max</sub> (Wp)	340	345	350	355	360
Maximum power voltage	V <sub>mp</sub> (V)	39.09	39.34	39.46	39.51	39.55
Maximum power current	I <sub>mp</sub> (A)	8.70	8.77	8.87	8.99	9.10
Open-circuit voltage	V <sub>oc</sub> (V)	46.94	47.08	47.15	47.30	47.38
Short-circuit current	I <sub>sc</sub> (A)	9.48	9.51	9.55	9.58	9.62
Module efficiency	%	17.52	17.78	18.03	18.30	18.55
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.

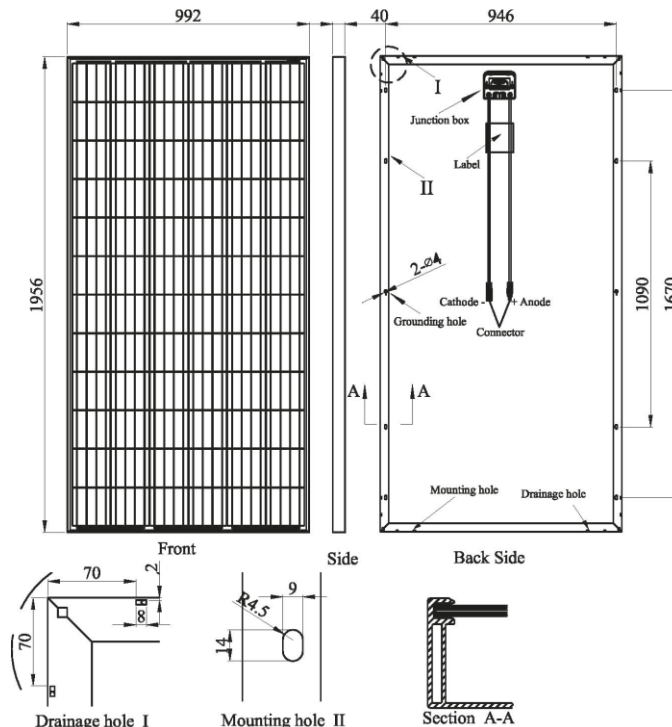
## MATERIAL CHARACTERISTICS

Cell type	Monocrystalline 156.75 x 156.75 mm
No. of cells	72 (6 x 12)
Dimensions	1956 x 992 x 40 mm
Weight	21.0 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	56 pcs / double pallet
Loading capacity	672 pcs / 40 HQ
Size / pallet	1990 x 1120 x 2410 mm
Weight	1300 kg / pallet

## DRAWINGS



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