




Black Elegance Superior Shingled


ASP M6-60 SGBE Series 340W-350W
Shingled 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

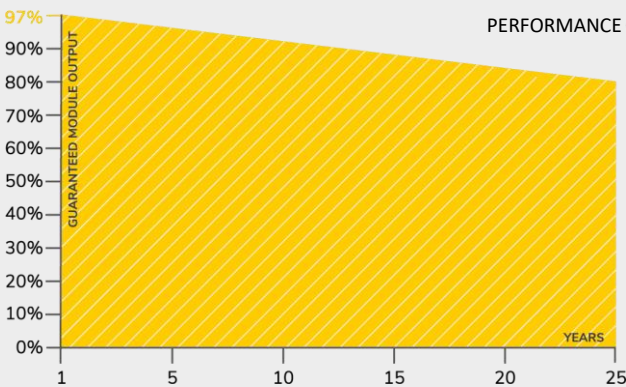



12 YEARS
PRODUCT WARRANTY

OUR PERFORMANCE GUARANTEE



25 YEARS
PERFORMANCE GUARANTEE

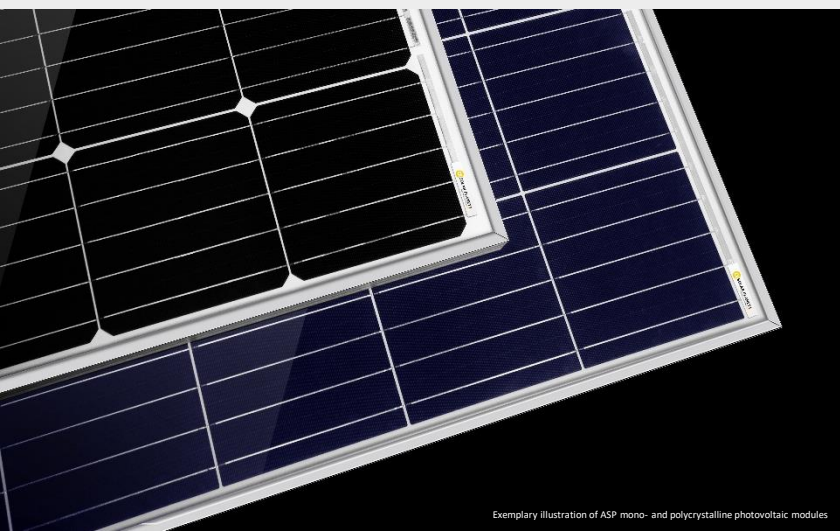


CERTIFICATES

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

Black Elegance Superior Shingled Module

ASP M6-60 SGBE Series 340W-350W

TECHNICAL DATA

ASP340M6-60

ASP345M6-60

ASP350M6-60

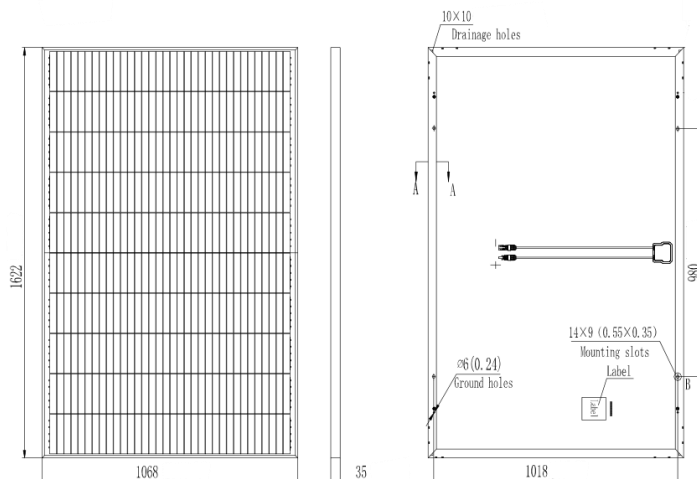
Parameter	Unit	ASP340M6-60	ASP345M6-60	ASP350M6-60
Maximum power	P _{max} (Wp)	340	345	350
Maximum power voltage	V _{mp} (V)	37.4	37.5	37.6
Maximum power current	I _{mp} (A)	9.09	9.2	9.31
Open-circuit voltage	V _{oc} (V)	45.2	45.3	45.4
Short-circuit current	I _{sc} (A)	9.51	9.55	9.6
Module efficiency	%	19.6	19.9	20.2
Power tolerance	P _{max} (W)	0 / +5		
Maximum system voltage DC	V	1000 / 1500		
Operating temperature	°C	-40 to +85		
Temperature coefficients of P _{max}	%/°C	-0.40		
Temperature coefficients of V _{oc}	%/°C	-0.31		
Temperature coefficients of I _{sc}	%/°C	0.05		
Nominal operating cell temp. (NOCT)	°C	42 ± 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	Perc monocrystalline silicon cells
No. of cells	60 (6 x 10)
Dimensions	1622 x 1068 x 35 mm
Weight	24 kg
Junction box	IP 67 rated
Output cable	4.0 mm ² , 1000 mm length
Connector type	MC 4 / MC 4 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

DRAWINGS



PACKING INFORMATION

Packing configuration	60 pcs / double pallet
Loading capacity	840 pcs / 40 HQ
Size / pallet	1622 x 1135 x 2380 mm
Weight	1284 kg / pallet



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