



Inspiring green-energy since 2003

PERC TECHNOLOGY

AE SHINGLED PV MODULES

MONOCRYSTALLINE PV MODULES

AE M6-60 Series 325W-350W

60
CELLS

PID
RESISTANT

SALT CORROSION
RESISTANT

SAND
RESISTANT

NH₃
S
AMMONIA
RESISTANT

HIGHLY STABLE
AND TOUGH

PERFORMANCE GUARANTEE
AE Solar assures high investment, security and warranty claims by providing linear performance guarantee of 30 years and 12 years of product warranty.

AESTHETICALLY PLEASING
Uniform cell layout and symmetric module Design

SYSTEM COST REDUCED
10% of Reduction in BOS and Installation cost

COMPATIBILITY
PERC Compatible, SHJ mainstream with high efficient cell technologies

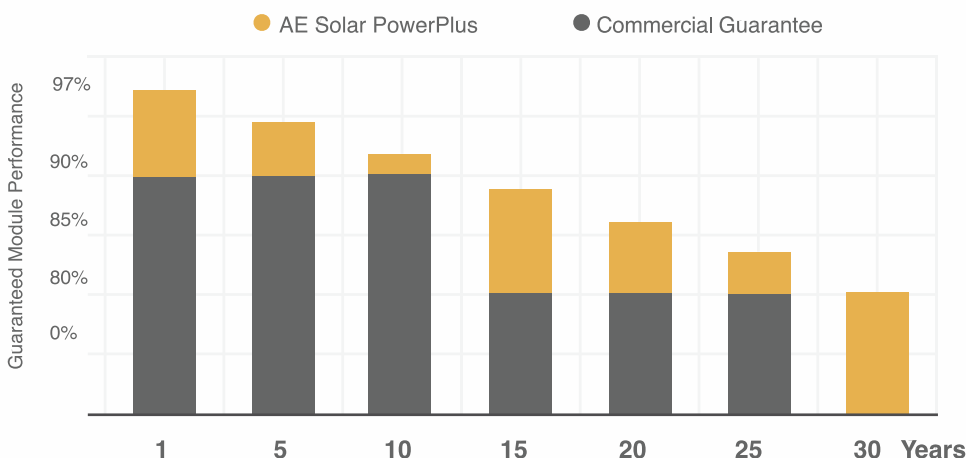
CRACK RESISTANT
Avoids micro-cracks introduced during conventional stringing process;
Capable of withstanding heavy loads;
Suitable for applications in harsh Environments

HIGH EFFICIENCY
High efficiency and class leading quality

HIGH OUTPUT
15%+more output comparing to conventional technology

GERMAN QUALITY
AE Solar photovoltaic modules are produced using high quality materials, automated robotic lines, German technology and standards.

OUR PERFORMANCE GUARANTEE



30
years
Performance
Guarantee

12
years
Product
Warranty



Deutsche
Qualität
Garantiert

TECHNICAL DATA

SGM6 SERIES SOLAR MODULE

SPECIFICATIONS

SGM6-325 SGM6-330 SGM6-335 SGM6-340 SGM6-345 SGM6-350

Nominal Max. Power	Pmax (Wp)	325	330	335	340	345	350
Maximum power voltage	Vmp(V)	37.1	37.2	37.3	37.4	37.5	37.6
Maximum power current	Imp (A)	8.76	8.87	8.98	9.09	9.2	9.31
Open-circuit voltage	Voc(V)	45.1	45.1	45.2	45.2	45.3	45.4
Short-circuit current	Isc (A)	9.42	9.45	9.49	9.51	9.55	9.6
Module efficiency	(%)	18.8	19.0	19.3	19.6	19.9	20.2
Power tolerance	Pmax (Wp)	0 / + 4.99					
Maximum system voltage DC	VDC(IEC)	1500					
Operating temperature	(°C)	-40 to +85					
Temp. coefficients of Pmax	(%/°C)	-0.34					
Temp. coefficients of Voc	(%/°C)	-0.27					
Temp. coefficients of Isc	(%/°C)	0.04					
Nom. Operating cell temp.(NOCT)	(°C)	42.3±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.

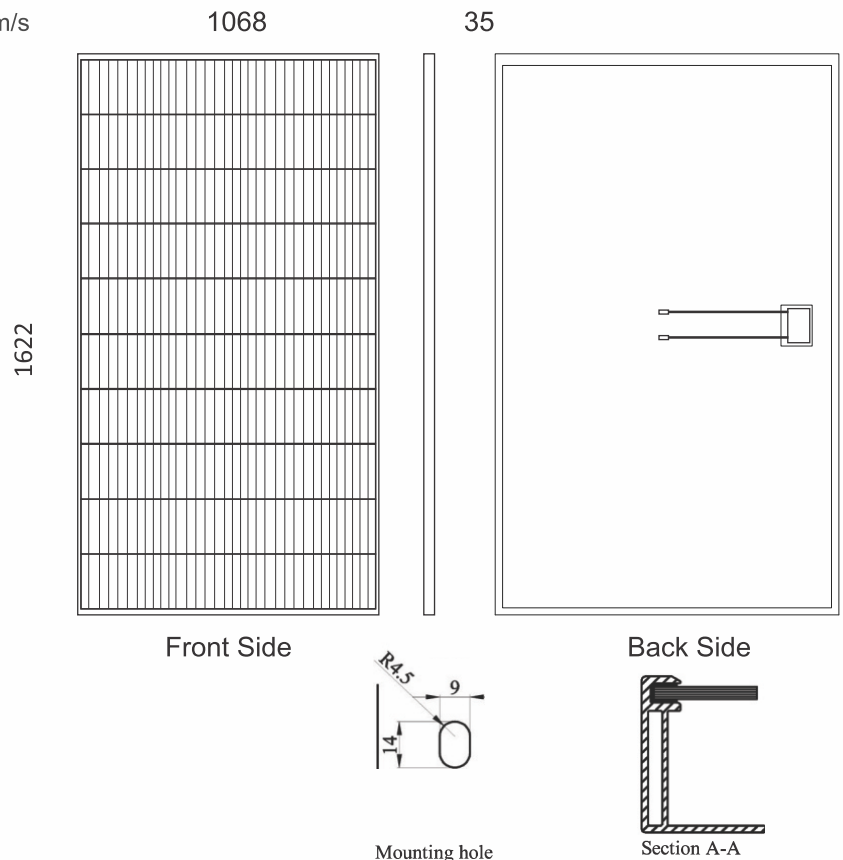
MATERIAL CHARACTERISTICS

Cell type	Perc Mono-crystalline silicon solar cells
Dimensions	1622x1068x35 mm
Weight	19.8 kg
Junction box	15A; TUV&UL; IP67
Output cable	1000mm/4mm ²
Connector type	compatibility MC 4
Hail resistance	Diameter of 1m. Ø 25 mm, at 23 m/s
Mechanical load	5400 Pa

PACKAGING INFORMATION

Packing configuration	60 pcs / double pallet
Loading Capacity	840 pcs / 40HQ
Size / pallet (mm)	1660 x 1135 x 2380
Weight	1268 kg / double pallet

DIMENSIONS



CERTIFICATES



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