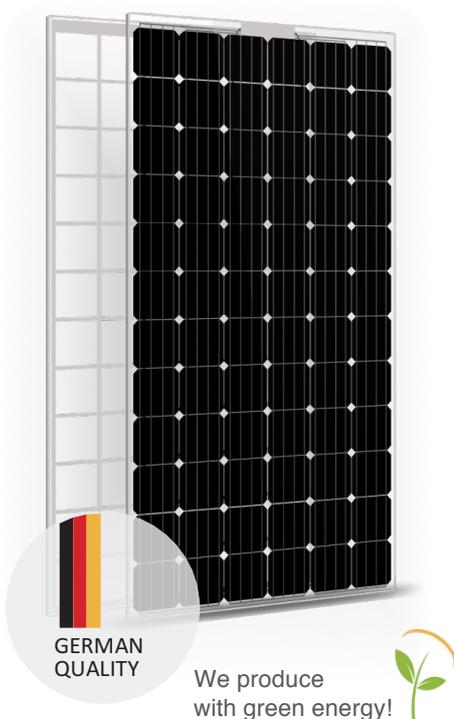


AE DOUBLE-GLASS MODULE

AE DGM6-72 Series 345W-360W



We produce with green energy!



LIGHTEST DOUBLE-GLASS MODULE WORLDWIDE

Ultra-thin thermally strengthened with 2mm glass



HARSH WEATHER RESISTANCE

Absolute water-proof, anti-corrosion by acid, alkaline and ammonia, anti-friction, better thermal dissipation and 30+ years hassle free performance



PID FREE

Potential induced degradation (PID) Free Guaranteed



MICRO-CRACK FREE

No micro-cracks during rough transportation, complicated handling at installation and during lifetime module operation



FIRE CLASS A

Glass-Glass design protects the module from the damages caused by arc and hot spots, eliminating potential dangers of fire



SELF-CLEANING EFFECT

Frameless design, no dirt at the edges of frame



GERMAN QUALITY

AE Solar photovoltaic modules are manufactured using high-quality materials, automated machine, German Technology and Standards



PLUS-SORTING

Higher yield due to plus-sorting of 0 to +5W guarantees the high system efficiency and yield stability



PERFORMANCE GUARANTEE

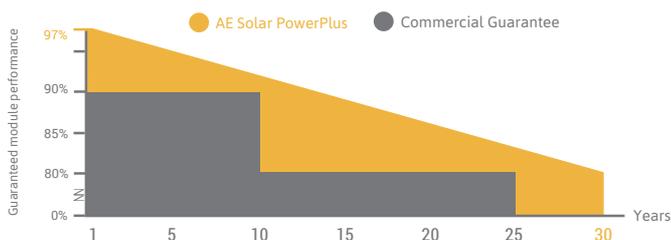
AE Solar assures high investment, security and warranty claims by providing linear performance guarantee of 30 years and 12 years of product warranty



CERTIFICATES

Lining with International Standards, AE Solar Photovoltaic modules are tested and certified under extreme stress and it can bear harsh environmental influences

OUR PERFORMANCE GUARANTEE



AE SOLAR
Messerschmittring 54
86343 Königsbrunn
Germany

Tel.: +49 8231 97 82 68 0
Fax.: +49 8231 97 82 68 9

E-Mail: info@ae-solar.com
Web: www.ae-solar.com

TECHNICAL DATA

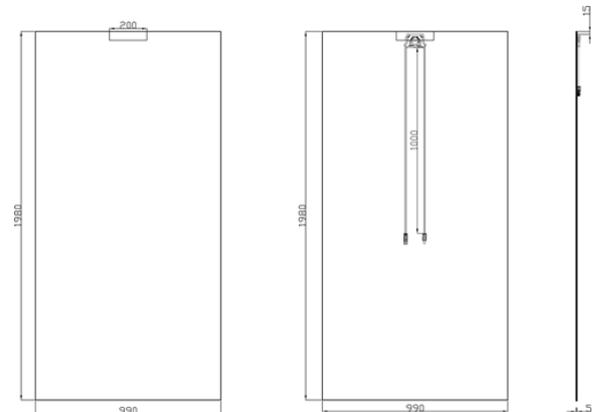
		AE345DGM6-72	AE350DGM6-72	AE355DGM6-72	AE360DGM6-72
Maximum power	P _{max} (Wp)	345W	350W	355W	360W
Maximum power voltage	V _{mp} (V)	38.73V	39.11V	39.47V	39.65V
Maximum power current	I _{mp} (A)	8.91A	8.97A	9.00A	9.08A
Open-circuit voltage	V _{oc} (V)	47.24V	47.66V	47.85V	47.99V
Short-circuit current	I _{sc} (A)	9.36A	9.49A	9.53A	9.64A
Module efficiency	%	17.6%	17.8%	18.1%	18.3%
Power tolerance	P _{max} (W)	- 0 / + 5			
Maximum system voltage DC	V	1000			
Operating temperature	°C	-40 to +85			
Temperature coefficients of P _{max}	%/°C	-0.40			
Temperature coefficients of V _{oc}	%/°C	-0.30			
Temperature coefficients of I _{sc}	%/°C	0.034			
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.

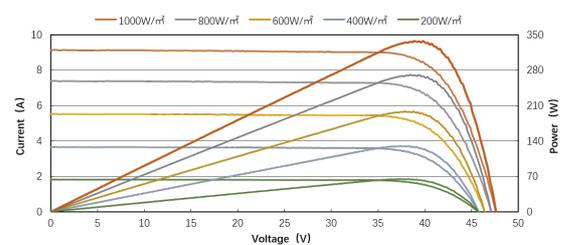
MATERIAL CHARACTERISTICS

Cell Type	Mono-crystalline
Cell Dimension	156.75mm × 156.75mm
Module Dimension	1980mm × 990mm × 5mm (J-box not included)
Weight	23.3kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm tempered glass / 2mm ceramic coated glass
Junction Box	IP67 (three bypass diodes)
Cable	4.0mm ²
Connector	LCS-R1 (MC4 equivalent)
Wind load	2400Pa / 244kg / m ²
Mechanical load	5400Pa / 550kg / m ²

DRAWINGS & PERFORMANCE



I-V & P-V curve AE DGM6-72



Excellent performance at 200W/m²(AM 1.5, 25 °C): the conversion efficiency could be 96.5% of STC

PACKAGING INFORMATION

Packing configuration	38pcs / pallet
Loading capacity	836pcs / 40 HQ

