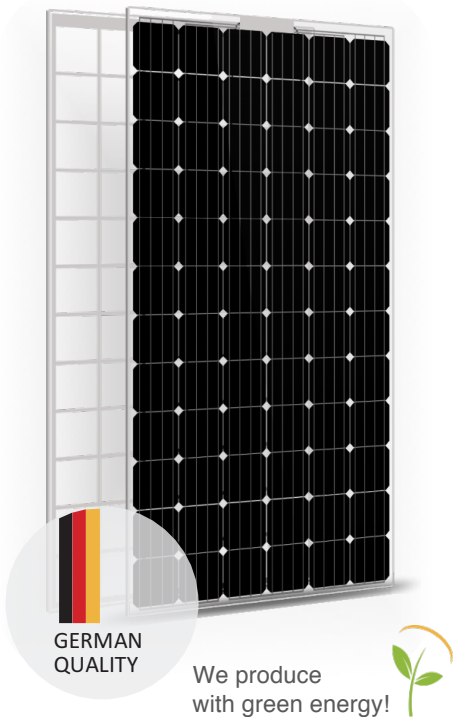


# AE DOUBLE-GLASS MODULE

AE DGM6-72 Series 345W-360W



## 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

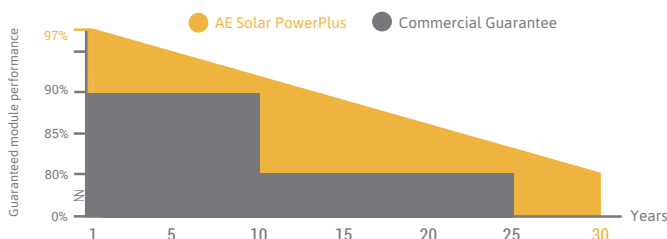
AE Solar assures high investment, security and warranty claims by providing linear performance guarantee of 30 years and 12 years of product warranty



## 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



### TECHNICAL DATA

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

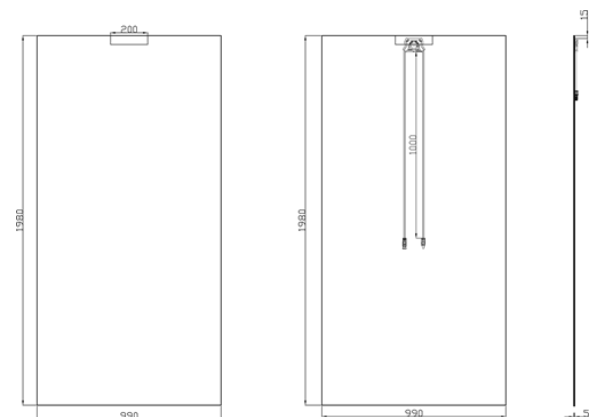
### MATERIAL CHARACTERISTICS

Cell Type	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 <sup>2</sup>
Connector	LCS-R1 (MC4 equivalent)
Wind load	2400Pa / 244kg / m <sup>2</sup>
Mechanical load	5400Pa / 550kg / m <sup>2</sup>

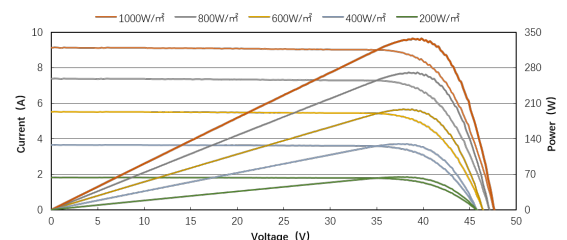
### PACKAGING INFORMATION

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

### DRAWINGS & PERFORMANCE



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



Excellent performance at 200W/m<sup>2</sup>(AM 1.5, 25 °C): the conversion efficiency could be 96.5% of STC