



Inspiring green-energy since 2003

AE HALF CELL POLYCRYSTALLINE PV MODULES AE HP6-72 Series 330W-355W

tested by **Fraunhofer**
CSP



**MICRO-CRACK
FREE**



**PID
RESISTANT**



**SALT CORROSION
RESISTANT**



**SAND
RESISTANT**



**AMMONIA
RESISTANT**



**HIGHLY STABLE
AND TOUGH**

✓ GERMAN QUALITY

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

+ PLUS-SORTING

Higher yield due to plus-sorting from 0 up to +5 Wp guarantees the high system efficiency and yield stability.

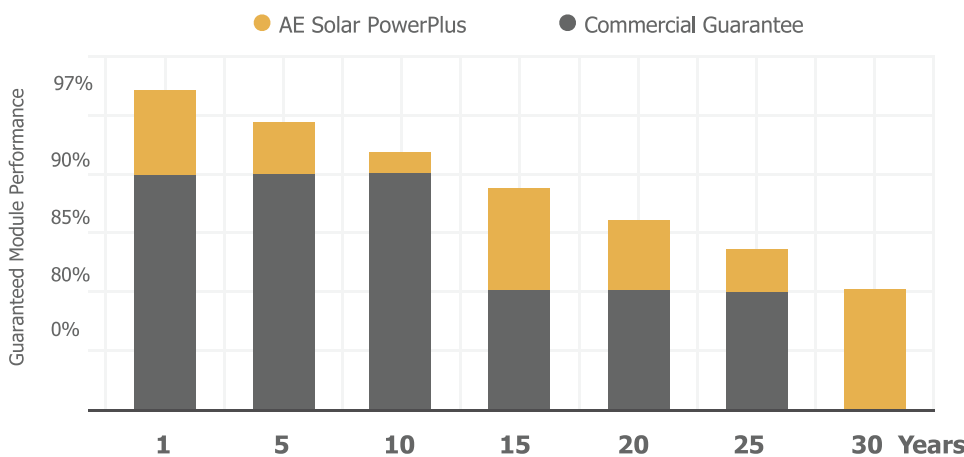
🕒 PERFORMANCE GUARANTEE

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 conditions and it can bear harsh environment influences.

OUR PERFORMANCE GUARANTEE



30
years
Performance
Guarantee

12
years
Product
Warranty



Deutsche
Qualität
Garantiert

TECHNICAL DATA

AE HALF CELL Series 330W-355W

SPECIFICATIONS

		AE330HP6-72	AE335HP6-72	AE340HP6-72	AE345HP6-72	AE350HP6-72	AE355HP6-72
Nominal Max. Power	P _{max} (Wp)	330	335	340	345	350	355
Maximum power voltage	V _{mp} (V)	38.11	38.38	38.60	38.86	39.11	39.36
Maximum power current	I _{mp} (A)	8.66	8.73	8.81	8.88	8.95	9.02
Open-circuit voltage	V _{oc} (V)	45.96	46.24	46.51	46.79	47.05	47.42
Short-circuit current	I _{sc} (A)	9.20	9.46	9.57	9.68	9.74	9.85
Module efficiency	(%)	16.65	16.90	17.15	17.41	17.66	17.91
Operating temperature	(°C)	-40 to +85					
Maximum system voltage DC	V (IEC)	1000					
Maximum series fuse rating	(A)	15					
Power tolerance	(%)	0/+4.99					
Temp. coefficients of P _{max}	(%/°C)	-0.39					
Temp. coefficients of V _{oc}	(%/°C)	-0.33					
Temp. coefficients of I _{sc}	(%/°C)	0.05					
Nom. Operating cell temp.(NOCT)	(°C)	42±3					

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.

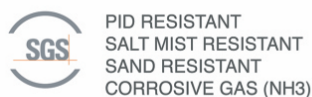
MATERIAL CHARACTERISTICS

Cell type	Poly-crystalline 156.75 x 78.38 mm
No. of cells	144 (6 x 24)
Dimensions	2000 x 991 x 35mm
Weight	22 kg
Junction box	IP 67 rated
Output cable	1 x 4.0mm ² , 1200mm length or customised
Connector type	MC 4 / MC 4 compatible
Hail resistance	Max. Ø 28 mm, at 23 m/s
Wind load	2400 Pa / 244 kg/m ²
Mechanical load	5400 Pa / 550 kg/m ²

PACKAGING INFORMATION

Packing configuration	56 pcs / double pallet
Loading Capacity	616 pcs / 40HQ
Size / pallet (mm)	2040 x 1120 x 2335
Weight	1345 kg / pallet

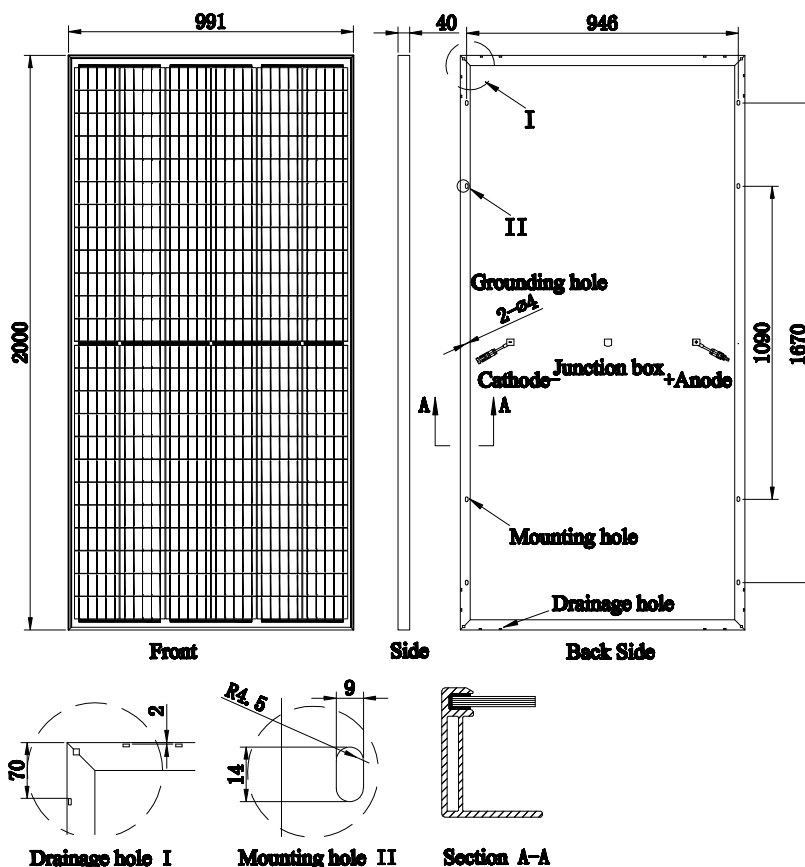
CERTIFICATES



FOR INNOVATIVE SHADING RESISTANT MODULES DEVELOPMENT

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DIMENSIONS



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