



Inspiring green-energy since 2003



PERC Technology
AE POWERPLUS
MONOCRYSTALLINE PV MODULES
AE M6-72 Series 365W-385W

tested by  **Fraunhofer**
CSP

72

CELLS



**MICRO-CRACK
FREE**



**PID
RESISTANT**



**SALT CORROSION
RESISTANT**




**SAND
RESISTANT**




**AMMONIA
RESISTANT**




**HIGHLY STABLE
AND TOUGH**

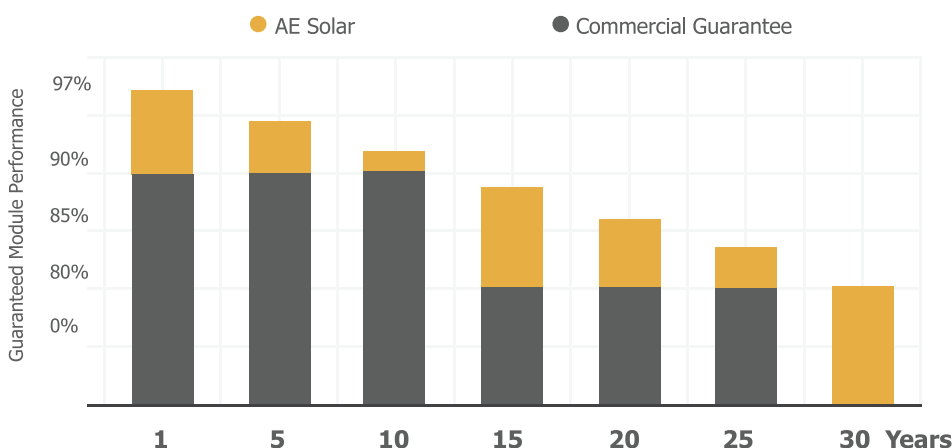
 **GERMAN QUALITY**
AE Solar photovoltaic modules are produced using high quality materials, automated robotic lines, German technology and standards.

 **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.

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

 **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



Deutsche
Qualität
Garantiert

TECHNICAL DATA

AE M6-72 Series 365W-385W

SPECIFICATIONS

		AE365M6-72	AE370M6-72	AE375M6-72	AE380M6-72	AE385M6-72
Nominal Max. Power	P _{max} (Wp)	365	370	375	380	385
Maximum power voltage	V _{mp} (V)	39.58	39.63	39.66	39.71	39.73
Maximum power current	I _{mp} (A)	9.22	9.34	9.46	9.57	9.69
Open-circuit voltage	V _{oc} (V)	47.42	47.48	47.53	47.59	47.81
Short-circuit current	I _{sc} (A)	9.65	9.69	9.75	9.82	9.95
Module efficiency	(%)	18.81	19.07	19.33	19.58	19.84
Power tolerance	P _{max} (Wp)	0 / + 4.99				
Maximum system voltage DC	(V)	1000				
Maximum series fuse rating	(A)	15				
Operating temperature	(°C)	-40 to +85				
Temp. coefficients of P _{max}	(%/°C)	-0.38				
Temp. coefficients of V _{oc}	(%/°C)	-0.29				
Temp. coefficients of I _{sc}	(%/°C)	0.05				
Nom. 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 156.75mm × 156.75mm
No. of cells	72 (6 x 12)
Dimensions	1956 x 992 x 35 mm
Weight	21 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

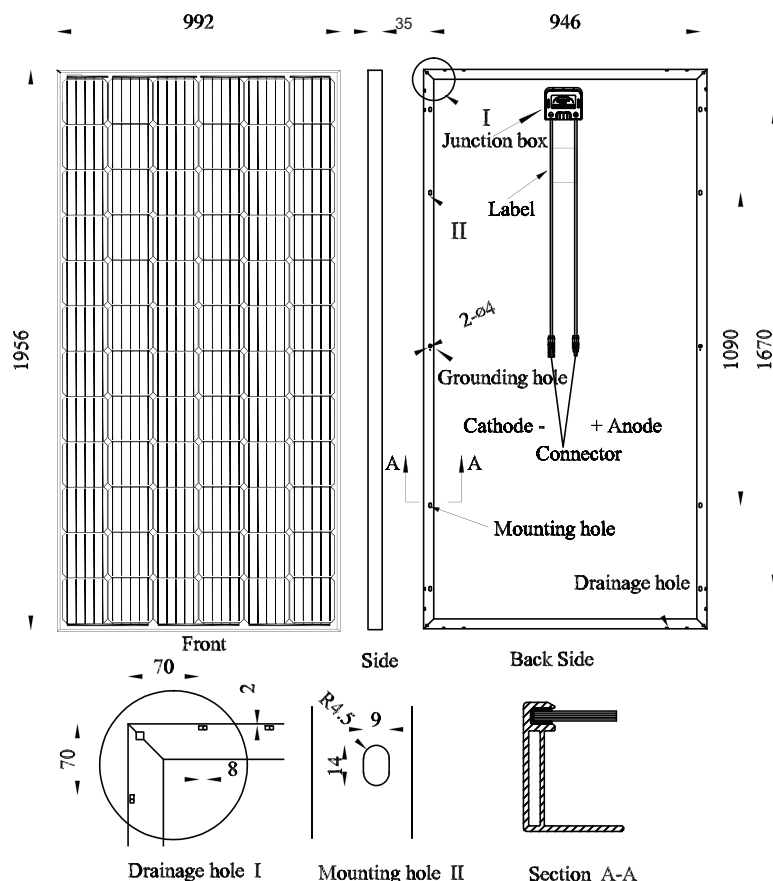
PACKAGING INFORMATION

Packing configuration	64 pcs / double pallet
Loading Capacity	768 pcs / 40HQ
Size / pallet (mm)	1985 x 1120 x 2390
Weight	1395 kg / pallet

CERTIFICATES



DIMENSIONS



AES-DSH2019 V.002
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