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AE SOLAR
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TIER 1
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POWER PLUS

30 years
Performance Guarantee

15 years
Product Warranty

POLY-CRYSTALLINE PV MODULES
FULL CELLS • MONO-FACIAL

330W-345W
AE P6-72 Series

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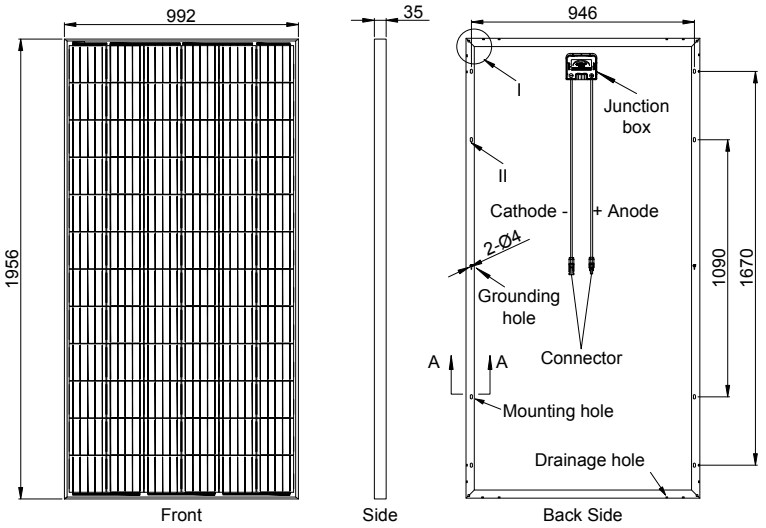
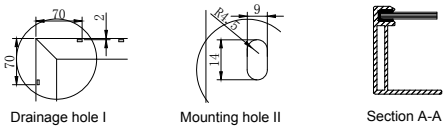
FULL CELLS • MONO-FACIAL

AE P6-72 Series 330W-345W

Mechanical and design specification

Cell type	Poly-Si PERC, Full cells, 156.75 mm
No. of cells	72
Glass	3,2 mm, high transmission, AR coated, tempered
Encapsulation	EVA
Back cover	White Backsheet
Junction box	IP 68 rated
Frame	35 mm anodized Aluminium alloy
Cable	1 x 4 mm², 1200 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	1956 mm x 992 mm x 35 mm
Weight	20 kg
Hail resistance	Max. Ø 25 mm at 23 m/s
Wind load	2400 Pa/ 244 kg/ m²
Mechanical load	5400 Pa/ 550 kg/ m²



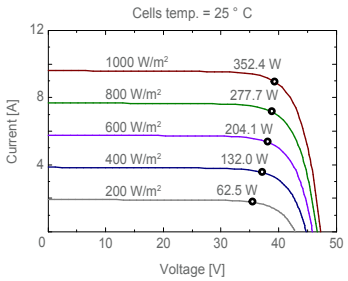


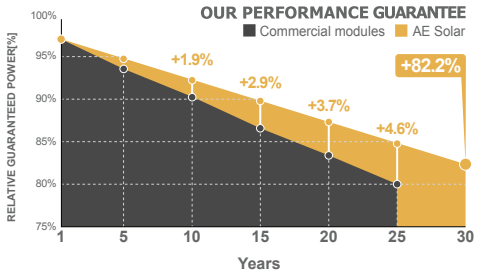
Packaging information

Packaging configuration	66 pcs / double pallet
Loading capacity	792 pcs / 40 HQ
Size / Pallet	1985 mm x 1140 mm x 2390 mm
Weight	1440 kg / double pallets

Temperature ratings

Operating temperature	(°C)	-40 to +85
Temp.coefficient of P_{max}	(%/°C)	-0.40
Temp.coefficient of V_{oc}	(%/°C)	-0.31
Temp.coefficient of I_{sc}	(%/°C)	0.053
Nom. operating temp. NOCT	(°C)	45 ± 2





Electrical specifications (STC*):

		AE330P6-72	AE335P6-72	AE340P6-72	AE345P6-72
Nominal Max. Power	P_{max} (Wp)	330	335	340	345
Maximum operating voltage	V_{MPP} (V)	36.97	37.05	37.09	37.14
Maximum operating current	I_{MPP} (A)	8.93	9.04	9.17	9.29
Open-circuit voltage	V_{oc} (V)	45.89	45.93	45.97	46.03
Short-circuit current	I_{sc} (A)	9.37	9.41	9.44	9.61
Module efficiency	η (%)	17.01	17.26	17.52	17.78
Power tolerance	(W)	0~+5			
Maximum system Voltage	(V)	1500			
Maximum series fuse rating	(A)	15			

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

		AE330P6-72	AE335P6-72	AE340P6-72	AE345P6-72
Nominal Max. Power	P_{max} (Wp)	250	254	258	262
Maximum operating voltage	V_{MPP} (V)	35.12	35.20	35.24	35.28
Maximum operating current	I_{MPP} (A)	7.14	7.23	7.33	7.43
Open-circuit voltage	V_{oc} (V)	43.60	43.63	43.67	43.73
Short-circuit current	I_{sc} (A)	7.50	7.53	7.55	7.69

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)

The specifications and characteristics contained in this datasheet may deviate slightly from our actual products due to the product developments and uncertainty of measurement devices.
The specifications included in the datasheet are subject to change without prior notice.