

POLY

ASUN 345W-72P

330~345 Watt

POLY CRYSTALLINE MODULE



SUNERGY(HONGKONG) TRADING CO., LIMITED is headquartered and has module production facilities in Zhejiang, China. Our **ASUN** branded product line offers high quality, exceptional performance, and great value to our customers. Our state-of-the-art manufacturing facility uses industry-leading automated production equipment to optimize product performance and quality.



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ASUN

Module Efficiency

17.82%

High Power Output

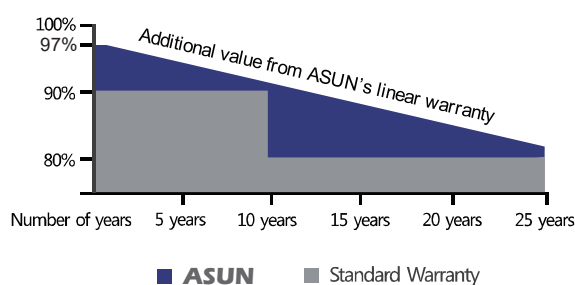
345_W

Linear Power Output Warranty

25 years

Material Workmanship Warranty

10 years



World class poly efficiency



Outstanding temperature coefficient



Lower risk of microcrack



Lower LCOE



Improved shading tolerance



Wind to 2400 Pa

Made in China

Electrical Characteristics at Standard Test Conditions (STC)

Module Type	ASUN345W-72P	ASUN340W-72P	ASUN335W-72P	ASUN-330W-72P
Maximum Power - Pmax (W)	345	340	335	330
Open Circuit Voltage - Voc (V) ±3%	46.5	46.3	46.2	46.2
Short Circuit Current - Isc (A) ±3.5%	9.6	9.5	9.37	9.28
Maximum Power Voltage - Vmpp (V)	38.2	38.1	38	37.8
Maximum Power Current - Imp (A)	9.04	8.94	8.84	8.75
Module Efficiency	17.82%	17.56%	17.30%	17.04%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Tolerance of Pmp: 0~+5W.
Measuring uncertainty of power: ±3%.

Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	ASUN345W-72P	ASUN340W-72P	ASUN335W-72P	ASUN330W-72P
Maximum Power - Pmax (W)	254.4	250.9	247.4	243.8
Open Circuit Voltage - Voc (V) ±3%	42.9	42.7	42.6	42.6
Short Circuit Current - Isc (A) ±3.5%	7.75	7.67	7.56	7.49
Maximum Power Voltage - Vmpp (V)	35.1	34.9	34.9	34.7
Maximum Power Current - Imp (A)	7.26	7.19	7.09	7.02

Normal Operating Cell Temperature (NOCT): irradiance 800W/m²; wind speed 1 m/s; cell temperature 45°C; ambient temperature 20°C.
Measuring uncertainty of power: ±3%.

Temperature Characteristics

NOCT	45°C (±2°C)
Temperature Coefficient	-0.292%/K
Current Temperature Coefficient	+0.045%/K
Power Temperature Coefficient	-0.408%/K

Maximum Ratings

Maximum System Voltage [V]	1000
Series Fuse Rating [A]	20

Material Characteristics

Dimensions	1956×990×40mm (L×W×H)
Weight	22.0kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6×12 pieces polycrystalline solar cells series strings (156.75mm×156.75mm)
Junction Box	Rated current ≥ 13A, IP ≥ 67, TUV&UL
Cable & Connector	Length 1200 mm, 1×4 mm ² , compatible with QC4.10-cd(Suzhou QC) / HLPV3A(Dezhou Hongju) / PV-ZH202B(Zhejiang Zhonghuan) / PV-GZX1500(Ningbo Guangzhixing)

Packaging

Dimensions(L×W×H)	1980×1140×1120mm
Container 20'	270
Container 40'	810

System Design

Temperature Range	-40 °C to + 85 °C
Withstanding Hail	Maximum diameter of 25 mm with Impact speed of 23 m·s ⁻¹
Maximum Surface Load	2,400 Pa
Module Fire Performance	Class C

Note: mm (inch)

