

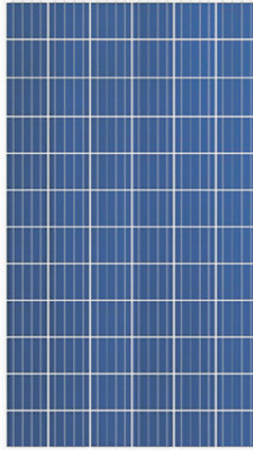
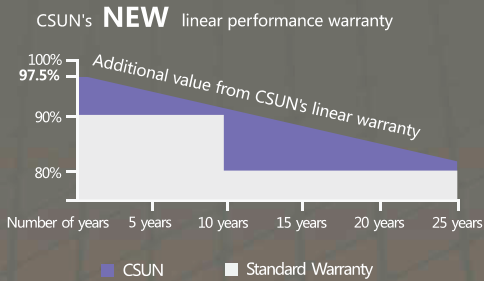
Poly



Powerguard Insurance Global Coverage

The power output shall not be less than 97.5% of the minimum power output stated in the product data sheet in the first year of the product's life cycle. The loss of power output shall not exceed 0.7% per year thereafter, ending with 80.7% in the 25th year.

■ CSUN ■ Standard Warranty



CSUN340-72P

The Large Scale Project Solution PERC Technology

CSUN340-72P
CSUN330-72P

CSUN335-72P
CSUN325-72P

17.55%
Module efficiency

340 W
Highest power output

10 years
Material & Workmanship warranty

25 years
Linear power output warranty



PID-free



World class mono efficiency



Tighter product performance distribution and current sorting reduces the mismatch power loss in system operation



Positive tolerance offer



Good temperature coefficient enables higher output in high temperature regions



Excellent performance under low light condition



Certified for salt/ammonia corrosion resistance



Load certificates: wind to 2400Pa and snow to 5400Pa

- China Sunergy Co., Ltd. designs, manufactures and delivers high efficiency solar cell and modules to the world from its production centers based in Chian, Turkey, South Korea and Vietnam.
- Founded in 2004, China Sunergy is well know for its advanced solar cell technology, reliable product quality, and excellent customer service.
- As one of leading PV enterprises, China Sunergy has delivered more than 4.0GW of solar products to residential, commercial, utility and off-grid projects all around the word

- Note:
All specifications, warranties, certifications about module of "CSUN" series also apply to that of "SST".

All information and data are subject to change without notice.



Electrical Characteristics at Standard Test Conditions (STC)

Module Type	CSUN340-72P	CSUN335-72P	CSUN330-72P	CSUN325-72P
Maximum Power-Pmax(W)	340	335	330	325
Open circuit Voltage-Voc(V)	46.6	46.4	46.2	46.0
Short Circuit Current-Isc(A)	9.45	9.36	9.27	9.91
Maximum Power Voltage-Vmpp(V)	38.0	37.8	37.6	37.4
Maximum Power Current-Imp(A)	8.95	8.86	8.77	8.68
Module Efficiency	17.55%	17.30%	17.04%	16.78%

Standard Test Conditions [STC]: irradiance 1,000 W/m²; AM 1.5G; module temperature 25°C. Measuring uncertainty of power is within ±3%. Tolerance of Pmp:0~+3%. Certified in accordance with IEC61215, IEC61730-1/2 and UL1703.

Electrical Characteristics at Nominal Operating Cell Temperature (NOCT)

Module Type	CSUN340-72P	CSUN335-72P	CSUN330-72P	CSUN325-72P
Maximum Power-Pmax(W)	251	248	244	241
Open circuit Voltage-Voc(V)	43.4	43.2	43.0	42.7
Short Circuit Current-Isc(A)	7.63	7.56	7.48	7.46
Maximum Power Voltage-Vmpp(V)	35.4	35.3	35.0	34.6
Maximum Power Current-Imp(A)	7.12	7.04	6.97	6.97

Nominal Operating Module Temperature(NOCT): irradiance 800W/m²; wind speed 1m/s; ambient temperature 20°C. Measuring uncertainty of power is within ±3%, Certified in accordance with IEC61215, IEC61730-1/2 and UL1703.

Temperature Characteristics

Voltage Temperature Coefficient	-0.292 %/K
Current Temperature Coefficient	+0.045%/K
Power Temperature Coefficient	-0.408%/K
Normal Operating Cell Temperature	45°C (±2°C)

Maximum Ratings

Maximum System Voltage (V)	1000
Series Fuse Rating (A)	20

Mechanical 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 (156mm×156mm)
Junction Box	Rated current≥13A, IP≥67, TUV&UL
Cable	Length 900 mm, 1×4 mm ²

Packaging

Dimensions(L×W×H)	1990×1120×112
Container 20'	260
Container 40'	624
Container 40'HC	684

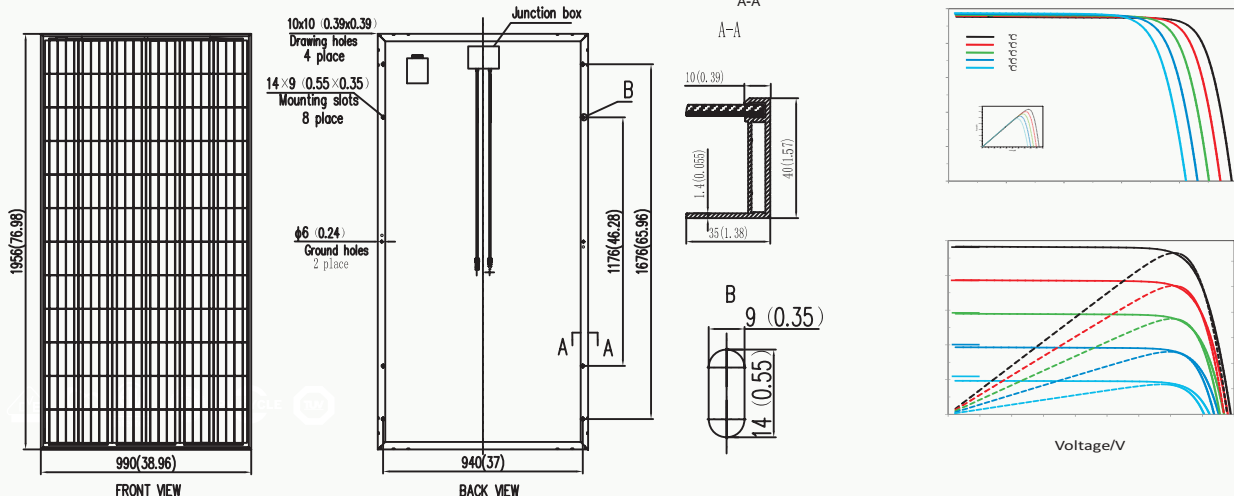
System Design

Temperature Range	- 40 °C to + 85 °C
Hail	Maximum diameter of 25 mm with impact speed of 23 m-s-1
Maximum Surfacedload	5400Pa
Application clas	Class A
Safety class	Class II

Dimensions

IV-Curves

Note: mm (inch)



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