

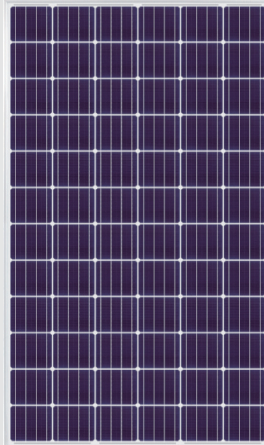
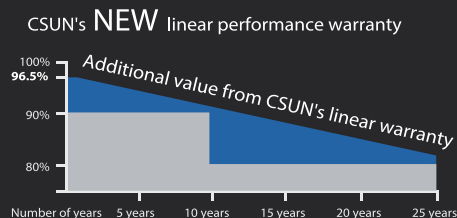
# Mono



## Powerguard Insurance Global Coverage

Within the first year, the output power shall not be less than 96.5% of the minimum output power in CSUN's product datasheet, thereafter the loss of output power shall not exceed 0.68% per year, ending with 80.18% in the 25th year.

■ CSUN ■ Standard warranty



## CSUN350-72M

Premier choice for large scale project

Module Fire Performance: Type 1 (UL 1703)  
Fire Resistance Rating: Class C (IEC 61730)

CSUN350-72M  
CSUN345-72M  
CSUN340-72M  
CSUN335-72M  
CSUN330-72M

### 18.07%

Module efficiency

### 350W

Highest power output

### 10

years

Material & workmanship warranty

### 25

years

Linear power output warranty



Industry leading conversion efficiency



Positive tolerance offer



Passed salt mist & ammonia corrosion, blowing sand and hail testing



Certificated to withstand wind (2400 Pa) and snow load (5400 Pa)



Excellent performance under weak light condition



Good temperature coefficient enables better output in hot climates

- China Sunergy Co., Ltd. designs, manufactures and delivers high efficiency solar cells and modules to the world from its production centers based in China, Turkey, South Korea and Vietnam.
- Founded in 2004, China Sunergy is well known 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 world.

All information and data are subject to change without notice.

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Electrical Characteristics at Standard Test Conditions (STC)

Module Type	CSUN350-72M	CSUN345-72M	CSUN340-72M	CSUN335-72M	CSUN330-72M
Maximum Power - Pmpp (W)	350	345	340	335	330
Positive Power Tolerance	0~3%	0~3%	0~3%	0~3%	0~3%
Open Circuit Voltage - Voc (V)	46.9	46.7	46.5	46.3	46.1
Short Circuit Current - Isc (A)	9.49	9.38	9.32	9.26	9.20
Maximum Power Voltage - Vmpp (V)	38.2	38.0	37.8	37.6	37.3
Maximum Power Current - Imp (A)	9.17	9.09	9.01	8.93	8.85
Module Efficiency	18.07%	17.82%	17.55%	17.30%	17.04%

Electrical data relates to standard test conditions (STC) : irradiance 1000W/m<sup>2</sup> ; AM 1.5 ; cell temperature 25°C measuring uncertainty of power is within ±3%. Certified in accordance with IEC61215, IEC61730-1/2 and UL 1703

Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	CSUN350-72M	CSUN345-72M	CSUN340-72M	CSUN335-72M	CSUN330-72M
Maximum Power - Pmpp (W)	256	252	249	246	243
Maximum Power Voltage - Vmpp (V)	35.2	35.0	34.9	34.8	34.7
Maximum Power Current - Imp (A)	7.28	7.20	7.14	7.07	7.01
Open Circuit Voltage - Voc (V)	43.2	43.0	42.8	42.6	42.4
Short Circuit Current - Isc (A)	7.76	7.68	7.60	7.51	7.43

Electrical data relates to normal operating cell temperature (NOCT): irradiance 800 W/m<sup>2</sup> ; wind speed 1 m/s ; cell temperature 45°C ambient temperature 20°C measuring uncertainty of power is within ±3%

Temperature Characteristics

Voltage Temperature Coefficient	-0,307%/K
Current Temperature Coefficient	+0,039%/K
Power Temperature Coefficient	-0,423%/K

Maximum Ratings

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

Mechanical Characteristics

Dimensions	1956*990*40 (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 monocrystalline solar cells (4BB or 5 BB 156 × 156 mm)
Junction Box	Rated current ≥ 12A, IP ≥ 65, TUV & UL
Cable	Length 900 mm, 1 × 4 mm <sup>2</sup> 6 × 12 pieces monocrystalline solar cells series strings (156 mm × 156 mm)

Packaging

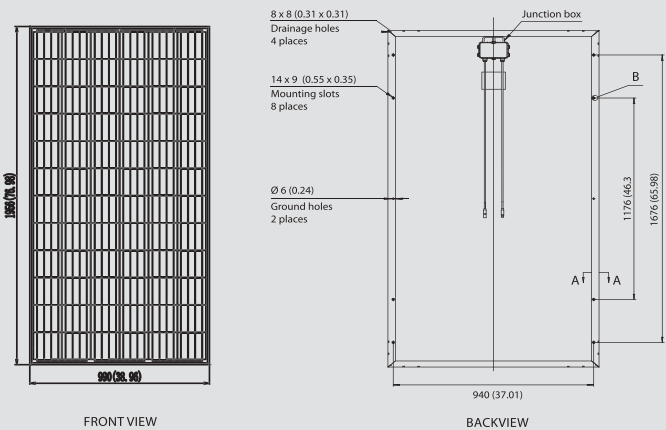
Dimensions (L × W × H)	1990 × 1120 × 112 mm
Container 20’HC	260 pcs.
Container 40’	624 pcs.
Container 40’HC	672 pcs.

System Design

Temperature Range	-40°C to +85°C
Hail	Maximum diameter of 25 mm with impact speed of 23 m/s (51.2 mph)
Maximum Surface Load Capacity	5400 Pa

Dimensions

Note: mm (inch)



IV-Curves

