



Mono

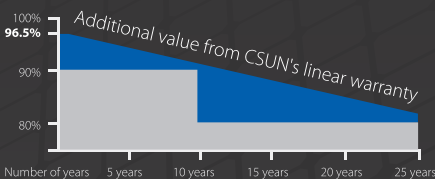


Powerguard insurance global coverage

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

CSUN's **NEW** linear performance warranty



CSUN270-60M-A

Highest efficiency offer: QSAR II™



Fire Test Approved

CSUN255-60M-A CSUN260-60M-A
CSUN265-60M-A CSUN270-60M-A

16.63%

Module efficiency

270W

Highest power output

10 year

Material & Workmanship warranty

25 year

Linear power output warranty



World class mono efficiency for rooftop projects



Positive tolerance offer



PID-free



Unique structural design effectively decreases power loss during the course of usage



Precise sorting of current distribution reduces power loss during module assembly



Load certificates: wind to 2400 Pa and snow to 7200 Pa



Coastal condition: certified for salt/ammonia corrosion resistance



Excellent performance under low light conditions



Good Temperature Coefficient enables higher output in high temperature regions

- China Sunergy (Nanjing) Co., Ltd.(NASDAQ:CSUN), established in 2004, is a hi-tech corporation with its core business in R&D, manufacturing, and sale of high efficiency silicon based solar cells and modules.
- As one of the leading PV enterprises in the world, CSUN has delivered more than 1GW solar products, to residential, commercial, utility and off-grid projects all around the world.
- Through strict selection of raw materials, stringent quality control and rigorous test in state of the art facilities in Nanjing and Shanghai, CSUN has always committed to higher efficiency, more stable and better cost performance products.

QSAR II™ is the trade mark owned by CSUN, also the brand name of high efficiency solar module produced by CSUN.



D13328EN

All information and data are subject to change without notice.

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Electrical characteristics at Standard Test Conditions(STC)

Module type	CSUN 270-60M-A	CSUN 265-60M-A	CSUN 260-60M-A	CSUN 255-60M-A
Pmpp(W)	270	265	260	255
Voc(V)	38.3	38.2	38.1	38
Isc(A)	9.07	8.98	8.9	8.82
Vmpp(V)	31.2	31	30.8	30.7
Impp(A)	8.65	8.55	8.44	8.3
Practical Module Efficiency	18.83%	18.48%	18.13%	17.78%
Module efficiency	16.63%	16.32%	16.01%	15.70%

Standard Test Conditions(STC): irradiance 1000W/ m²; AM 1.5; cell temperature 25 C.
Tolerance of Pmpp:0~+3%. Certified in accordance with IEC61215,IEC61730-1/2 and UL1703.

Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module type	CSUN 270-60M-A	CSUN 265-60M-A	CSUN 260-60M-A	CSUN 255-60M-A
Maximum Power-Pmax	198	195	192	188
Maximum Power Voltage-Vmp(V)	28.8	28.6	28.4	28.1
Maximum Power Current-Impp(A)	6.88	6.82	6.76	6.68
Open Circuit Voltage(V)-Voc(V)	35.3	35.2	35.1	35.0
Short Circuit Current(A)-Isc(A)	7.36	7.28	7.19	7.12

Normal Operating Cell Temperature(NOCT):irradiance 800W/ m²; wind speed 1m/s; cell temperature 45 C; ambient temperature 20 C.
Certified in accordance with IEC61215,IEC61730-1/2 and UL1703.

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	1640x990x40mm(LxWxH)
Weight	19.1kg
Frame	Anodized aluminum profile
Front glass	White toughened safety glass, 3.2mm
Cell Encapsulation	EVA(Ethylene-Vinyl-Acetate)
Back Sheet	composite film
Cells	6x10 pieces monocrystalline solar cells series strings (156mmx156mm)
Junction Box	Rated current ≥12 A, IP≥65, TUV&UL
Cable	length 900mm,1x4mm ²

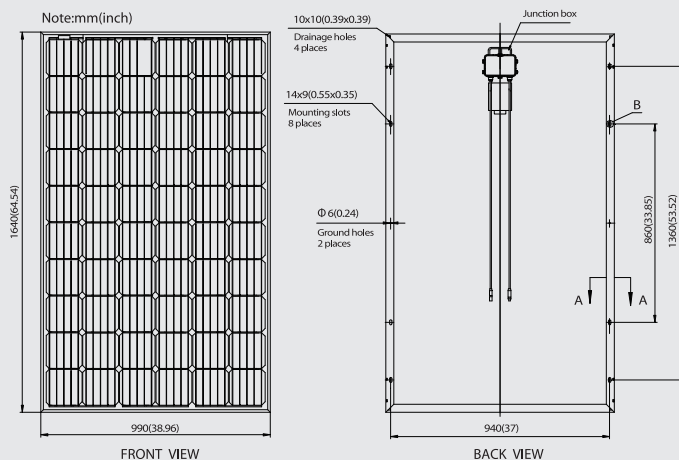
Packaging

Dimensions(LxWxH)	1640x990x40mm
Container 20'	300
Container 20'HC	324
Container 40'	700
Container 40'HC	756

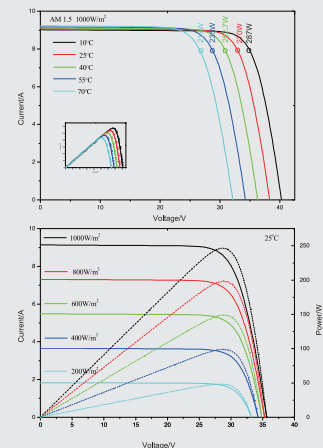
System Design

Temperature range	-40°C to+85°C
Hail	maximum diameter of 25mm with impact speed of 23m/s(51.2mph)
Maximum surface load capacity	5400Pa

Dimensions



IV-Curves



Excellent performance under weak light condition.