



MATRIX

AUSTRALIAN SOLAR

TIER 1

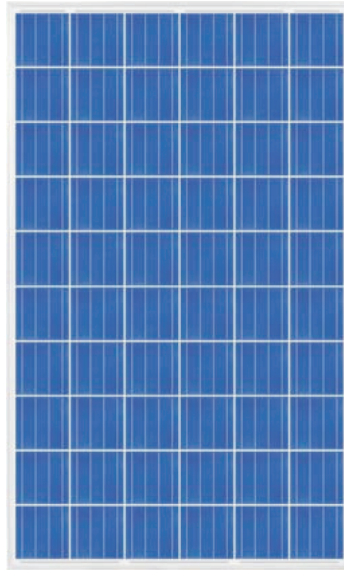
BLOOMBERG

Listed Tier 1 PV Supplier



Powerguard insurance global coverage

Within the first year, the output power shall not be less than 97.5% of the minimum output power in Matrix Australian Solar's product datasheet, thereafter the loss of output power shall not exceed 0.7% per year, ending with 80.7% in the 30th year.



CSUN255-60P

The Large Scale Project Solution

CSUN255-60P CSUN260-60P CSUN265-60P



16.01%

Module efficiency

255 W

Highest power output

12 years

Material & Workmanship warranty

30 years

Linear power output warranty



PID-free



Innovated cell and module processing technology



positive tolerance offer



Good temperature coefficient enables higher output in high temperature regions



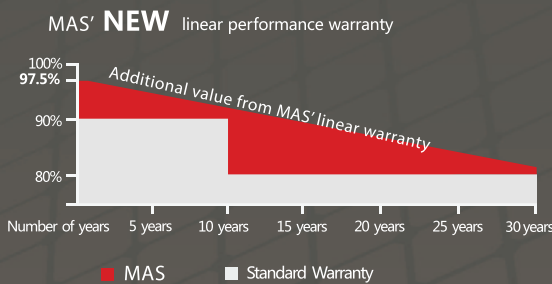
Excellent performance under low light conditions



Certified for salt/ammonia corrosion resistance



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



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- Matrix Australian Solar's international partner was established in 2004 and 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, MAS has delivered more than 2.4GW of solar products to residential, commercial, utility and off-grid projects all around the world.
- All specifications, warranties, certifications about module MAS series also apply to that of "SST"

All information and data are subject to change without notice.



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Electrical Characteristics at Standard Test Conditions (STC)

Module Type	CSUN265-60P	CSUN260-60P	CSUN255-60P
Maximum Power-Pmax (W)	265	260	255
Open Circuit Voltage - Voc (V)	37.8	37.7	37.5
Short Circuit Current - Isc (A)	9.01	8.95	8.88
Maximum Power Voltage - Vmpp (V)	30.5	30.3	30.1
Maximum Power Current - Imp (A)	8.69	8.58	8.47
Module Efficiency	16.32%	16.01%	15.70%

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 Pmpp:0~+3%. Certified in accordance with IEC61215, IEC61730-1/2 and UL1703.

Electrical Characteristics at Nominal Operating Cell Temperature (NOCT)

Module Type	CSUN265-60P	CSUN260-60P	CSUN255-60P
Maximum Power-Pmax (W)	195	192	188
Open Circuit Voltage - Voc (V)	35.1	34.9	34.6
Short Circuit Current - Isc (A)	7.24	7.20	7.16
Maximum Power Voltage - Vmpp (V)	28.3	28.1	28.0
Maximum Power Current - Imp (A)	6.89	6.82	6.72

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

Maximum Ratings

Maximum system voltage(V)	1000
Series fuse rating(A)	20A

Mechanical Characteristics

Dimensions	1640x990x35mm (LxWxH)
Weight	18. 3kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2mm
Cell Encapsulation	EVA(Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6×10 pieces polycrystalline solar cells series str
Junction Box	Rated current ≥13A, IP≥ 67, TUV&UL
Cable & Connector	Length 900mm, 1x4mm ² , compatible with MC4

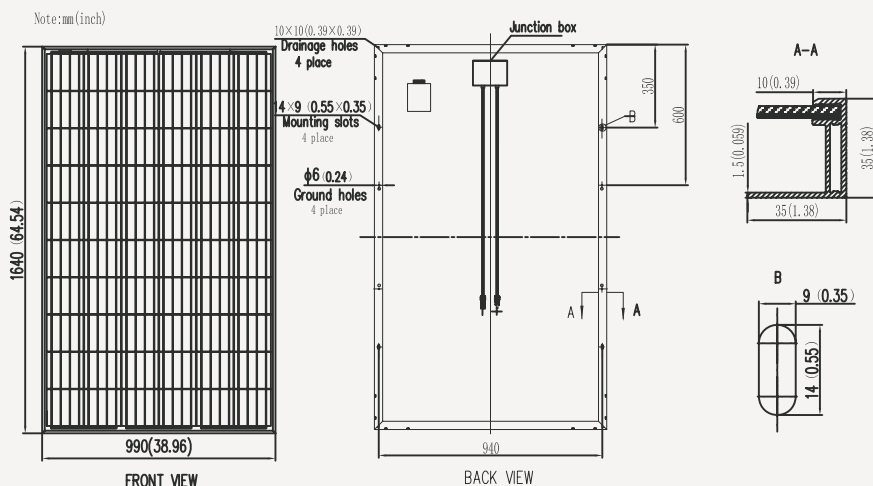
Packaging

Dimensions (LxWxH)	1700×1140×1137mm
Container 20'	360
Container 40'	840
Container 40' HC	896

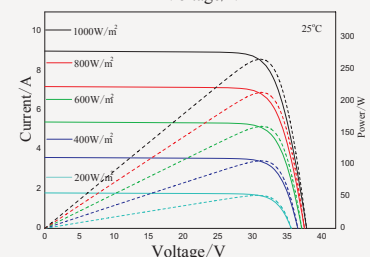
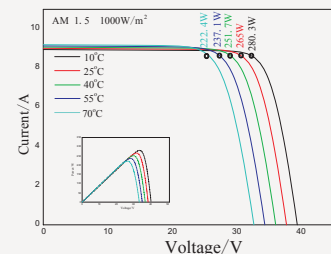
System Design

Temperature range	-40°C to +85°C
Hail	maximum diameter of 25mm with impact speed of 23m/s
Maximum surfaceload	5400Pa
Application class	class A
Safety class	class II

Dimensions



IV-Curves



Excellent performance under weak light condition.

