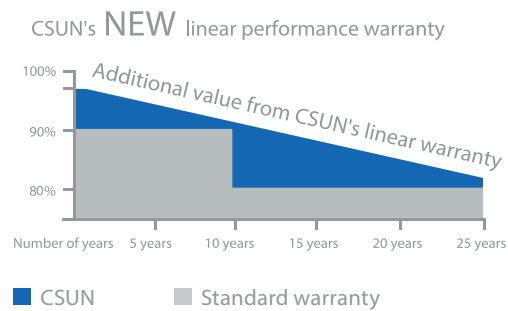
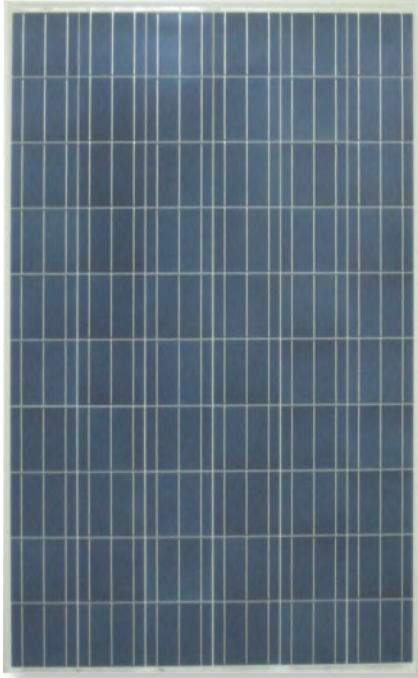


CSUN

255-275Wp



Poly crystalline modules

CSUN, established in 2004, is a high-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 Istanbul, Nanjing and Shanghai, CSUN has always committed to higher efficiency, more stable and better cost performance products.



Industry leading conversion efficiency



Positive tolerance offer



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



Excellent performance under weak light condition



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



Good temperature coefficient enables better output in hot climates

ELECTRICAL CHARACTERISTICS*	CSUN 255-60P	CSUN 260-60P	CSUN 265-60P	CSUN 270-60P	CSUN 275-60P
Maximum Power - P _{mp}	255 W	260 W	265 W	270 W	275 W
Positive power tolerance	0~3%	0~3%	0~3%	0~3%	0~3%
Open Circuit Voltage - Voc	37.5 V	37.6 V	37.7 V	37.9 V	38.0 V
Short Circuit Current - I _{sc}	8.92 A	8.94 A	9.01 A	9.08 A	9.15 A
Maximum Power Voltage - V _{mp}	30.1 V	30.3 V	30.5 V	30.7 V	30.9 V
Maximum Power Current - I _{mp}	8.47 A	8.58 A	8.69 A	8.80 A	8.91 A
Module efficiency	15.70%	16.01%	16.32%	16.63%	16.94%

* At standard test conditions (STC): irradiance 1000W /m² ; 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

NOCT*	CSUN 255-60P	CSUN 260-60P	CSUN 265-60P	CSUN 270-60P	CSUN 275-60P
Maximum Power - P _{mp}	188 W	192 W	195 W	198 W	211 W
Maximum Power Voltage - V _{mp}	28.0 V	28.1 V	28.2 V	28.3 V	28.4 V
Maximum Power Current - I _{mp}	6.72 A	6.82 A	6.92 A	7.01 A	7.10 A
Open Circuit Voltage - Voc	34.6 V	34.9 V	35.2 V	35.5 V	35.8 V
Short Circuit Current - I _{sc}	7.16 A	7.20 A	7.25 A	7.30 A	7.35 A

* 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 is within ±3%.

TEMPERATURE CHARACTERISTICS	
Voltage Temperature Coefficient	-0.292%/°C
Current Temperature Coefficient	+0.045%/°C
Power Temperature Coefficient	-0.408%/°C

MAXIMUM RATINGS	
Maximum system voltage	1000 V
Series fuse rating	20 A
Reverse current overload	27 A

MECHANICAL CHARACTERISTICS	
Dimensions	1640 × 990 × 35 mm
Weight	18.3 kg
Frame	Anodized aluminum profile
Front glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6x10 polycrystalline solar cells (3 busbars 156 X156 mm)
Junction Box	Rated current ≥ 12A, IP ≥ 65, TUV&UL
Cable	Length 900 mm, 1 × 4 mm ²
Connector	MC 4/ compatible with MC 4

SYSTEM DESIGN		IV-CURVES
Temp. range	-40°C to + 85°C	
Hail	max. diameter of 25mm with impact speed of 23m/s	
Max. capacity	Snow 5400 Pa, wind 2400 Pa	
Application class	Class A	
Safety class	Class II	

ENGINEERING DRAWING

