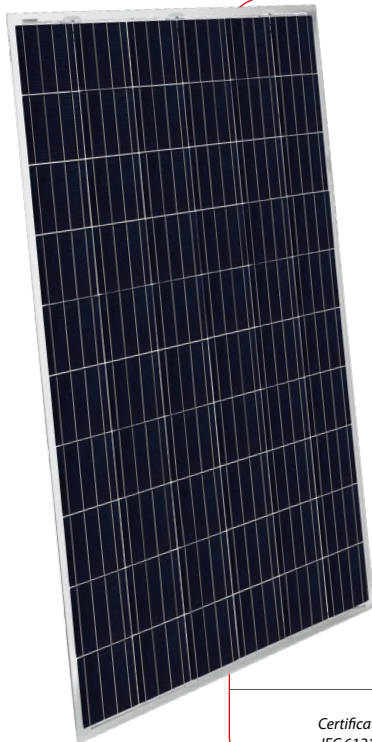


STP265 - 20/Wei
STP260 - 20/Wei
STP255 - 20/Wei

265 Watt

DOUBLE GLASS SOLAR MODULE



Features



High module conversion efficiency

Module efficiency up to 16.4% achieved through advanced cell technology and manufacturing capabilities



PID Resistant

Frameless structure, effective solution to Potential Induced Degradation (PID)



Positive tolerance

Guaranteed positive tolerance of 5W delivers higher output



Suntech current sorting process

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage



Extended wind and snow load tests

Module certified to wind (2400 Pascal) and snow loads (2400 Pascal) *



Withstanding harsh environment

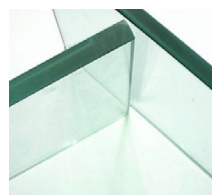
Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline

Certifications and standards:
 IEC 61215, IEC 61730, conformity to CE



Trust Suntech to Deliver Reliable Performance Over Time

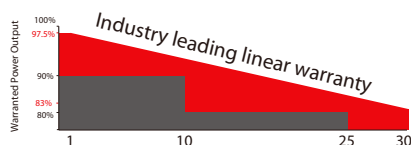
- World-class manufacturer of crystalline silicon photovoltaic modules
- Unrivaled manufacturing capacity and world-class technology
- Rigorous quality control meeting the highest international standards: ISO 9001: 2008, ISO 14001: 2004 and ISO17025: 2005
- Regular independently checked production process from international accredited institute/company
- Tested for harsh environments (ammonia corrosion and sand blowing testing: IEC 62716, DIN EN 60068-2-68)***
- Long-term reliability tests
- 2 x 100% EL inspection ensuring defect-free modules



Frameless design

- Glass-Glass structure
- Economize grounding hardware
- Heat strengthened glass ensures high mechanical capability

Industry-leading Warranty based on nominal power



- 97.5% in the first year, thereafter, for years two (2) through thirty (30), 0.5% maximum decrease from MODULE's nominal power output per year, ending with the 83% in the 30th year after the defined WARRANTY STARTING DATE.****
- 12-year product warranty
- 30-year linear performance warranty



IP67 Rated Junction Box

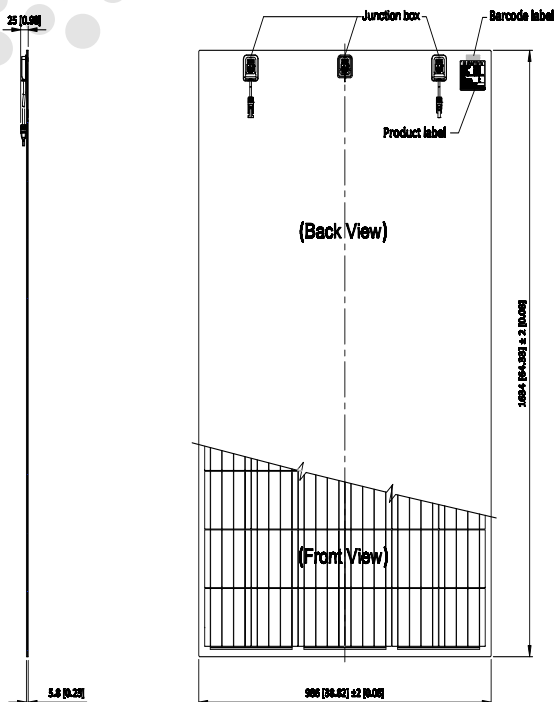
IP67 rated junction box supports installations in multiple orientations. High reliable performance, low resistance connectors ensure maximum output for the highest energy production

* Please refer to Suntech Double Glass Module Installation Manual for details. **PV Cycle only for EU market.

*** Please refer to Suntech Product Near-coast Installation Manual for details.

**** Please refer to Suntech Product Warranty for details.

STP265 - 20/Wei
STP260 - 20/Wei
STP255 - 20/Wei



Electrical Characteristics

STC	STP265-20/Wei	STP260-20/Wei	STP255-20/Wei
Maximum Power at STC (Pmax)	265 W	260 W	255 W
Optimum Operating Voltage (Vmp)	31.0 V	30.9 V	30.8 V
Optimum Operating Current (Imp)	8.56 A	8.42 A	8.28 A
Open Circuit Voltage (Voc)	37.8 V	37.7 V	37.6 V
Short Circuit Current (Isc)	9.02 A	8.89 A	8.76 A
Module Efficiency	16.4%	16.1%	15.8%
Operating Module Temperature	-40 °C to +85 °C		
Maximum System Voltage	1000 V DC (IEC)		
Maximum Series Fuse Rating	20 A		
Power Tolerance	0/+5 W		

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5;
 Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

NOCT	STP265-20/Wei	STP260-20/Wei	STP255-20/Wei
Maximum Power at NOCT (Pmax)	194 W	191 W	188 W
Optimum Operating Voltage (Vmp)	28.3 V	28.2 V	28.1 V
Optimum Operating Current (Imp)	6.86 A	6.76 A	6.68 A
Open Circuit Voltage (Voc)	34.8 V	34.8 V	34.7 V
Short Circuit Current (Isc)	7.32 A	7.19 A	7.12 A

NOCT: Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s;
 Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.41 %/°C
Temperature Coefficient of Voc	-0.33 %/°C
Temperature Coefficient of Isc	0.067 %/°C

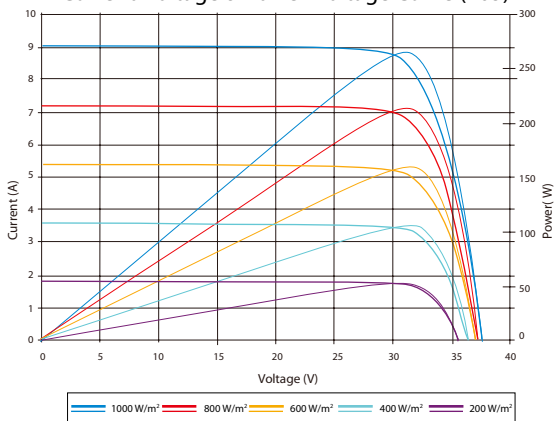
Mechanical Characteristics

Solar Cell	Polycrystalline silicon 6 inches
No. of Cells	60 (6 × 10)
Dimensions	1634 × 986 × 6mm (64.3 × 38.8 × 0.2 inches) without J-box
Weight	23 kgs (50.7 lbs.)
Front/Back Glass	2.5 mm (0.098 inches) heat strengthened glass
Junction Box	IP67 rated
Output Cables	TUV (2Pfg1 169:2007) 2.5 mm ² (0.004 inches ²), unsymmetrical lengths (-) 350mm (13.78 inches) and (+) 160 mm (6.3 inches)
Connectors	MC4 compatible

Packing Configuration

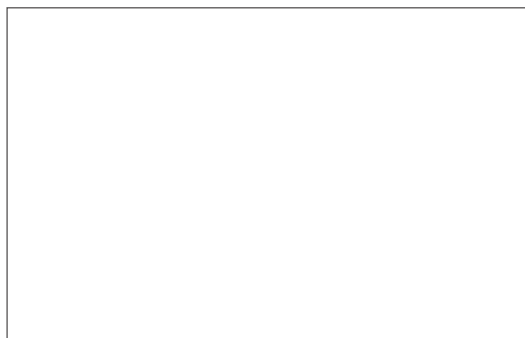
Container	40' HC
Pieces per pallet	30
Pallets per container	28
Pieces per container	840

Current-Voltage & Power-Voltage Curve (265)



Excellent performance under weak light conditions: at an irradiance intensity of 200 W/m² (AM 1.5, 25 °C), **96.5%** or higher of the STC efficiency (1000 W/m²) is achieved

Dealer information



Information on how to install and operate this product is available in the installation instruction. All values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly. All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.