STP210 - 18/Ud
STP205 - 18/Ud

SUNTECH
Solar powering a green future™

210 Watt
POLYCRYSTALLINE SOLAR MODULE



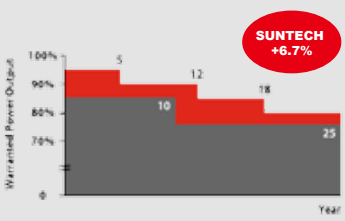
Features

- **14.3%** — High module conversion efficiency (up to 14.3%), through superior manufacturing technology
- **0-5W** — Guaranteed 0-5W positive power output tolerance ensures high reliability
- **Self-clean** — Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust
- **3 bus bar** — Three bus-bar design enhances cell reliability and reduces series resistance for large fill factor
- **Weak light** — Excellent performance under low light environments (mornings, evenings and cloudy days)
- **2400Pa 5400Pa** — Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal) *

Trust Suntech to Deliver Reliable Performance Over Time

- World's leading manufacturer of crystalline silicon photovoltaic modules
- Unrivaled manufacturing capacity and world-class technology
- Rigorous quality control meeting the highest international standards : ISO 9001: 2008 and ISO 14001: 2004
- Certification and standards: IEC 61215, IEC 61730, conformity to CE

Industry-leading warranty



- 25 year transferrable power output warranty: 5 year/95%, 12 year/90%, 18 year/85%, 25 year/80% **
- Based on nominal power
- Warrants 6.7% more power than the market standard over 25 years
- 5 year material and workmanship warranty



Specially designed drainage holes and rigid construction prevent frame from deforming or breaking due to freezing weather and other forces

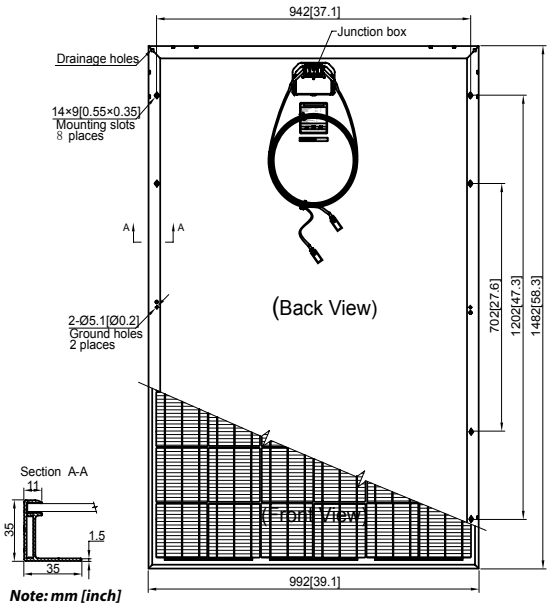


Latest IP67 rated junction box improves module performance stability with enhanced thermal isolation.

* Please refer to Suntech Standard Module Installation Manual for details.
** Please refer to Suntech Product Warranty for details.

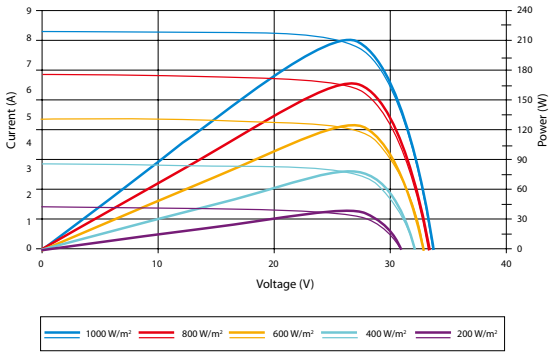
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STP210 - 18/Ud
STP205 - 18/Ud



Note: mm [inch]

Current-Voltage & Power-Voltage Curve (210-18)



Electrical Characteristics

STC	STP210-18/Ud	STP205-18/Ud
Optimum Operating Voltage (Vmp)	26.4 V	26.3 V
Optimum Operating Current (Imp)	7.95 A	7.80 A
Open - Circuit Voltage (Voc)	33.6 V	33.5 V
Short - Circuit Current (Isc)	8.33 A	8.23 A
Maximum Power at STC (Pmax)	210 W	205 W
Module Efficiency	14.3%	13.9%
Operating Temperature	-40 °C to +85 °C	-40°C to +85°C
Maximum System Voltage	1000 V DC	1000 V DC
Maximum Series Fuse Rating	20 A	20 A
Power Tolerance	0/+5 W	0/+5 W

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5

NOCT	STP210-18/Ud	STP205-18/Ud
Maximum Power (W)	153 W	150 W
Maximum Power Voltage (V)	24.0 V	23.9 V
Maximum Power Current (A)	6.39 A	6.27 A
Open Circuit Voltage (Voc)	31.2 V	31.1 V
Short Circuit Current (Isc)	6.75 A	6.64 A
Efficiency Reduction (from 1000 W/m² to 200 W/m²)	<4.5%	<4.5%

NOCT: Irradiance 800 W/m², ambient temperature 20 °C, wind speed 1 m/s

Mechanical Characteristics

Solar Cell	Polycrystalline 156 × 156 mm (6 inches)
No. of Cells	54 (6 × 9)
Dimensions	1482 × 992 × 35 mm (58.3 × 39.1 × 1.4 inches)
Weight	16.8 kgs (37.0 lbs.)
Front Glass	3.2 mm (0.13 inches) tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67 rated
Output Cables	H+S RADOX® SMART cable 4.0 mm² (0.006 inches²), symmetrical lengths (-) 1000 mm (39.4 inches) and (+) 1000 mm (39.4 inches), RADOX® SOLAR integrated twist locking connectors

Temperature Characteristics

Nominal Operating Cell Temperature (**NOCT**)	45±2°C
Temperature Coefficient of Pmax	-0.47 %/°C
Temperature Coefficient of Voc	-0.34 %/°C
Temperature Coefficient of Isc	0.045 %/°C

Dealer information box

Packing Configuration

Container	20' GP	40' GP	40' HC
Pieces per pallet	26	26	26
Pallets per container	6	14	28
Pieces per container	156	364	728

Specifications are subject to change without further notification