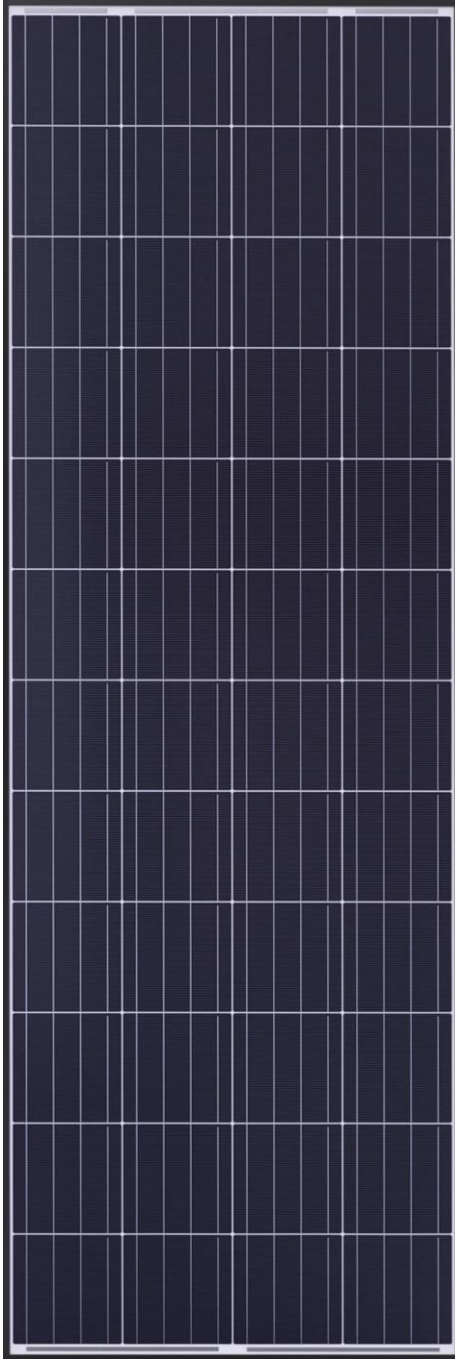


210 Watt

48 Cell Polycrystalline Module



Features

Ultra-light: Through replacement of the glass and optimization of the frame weighs as 70% less than conventional PV panels.

Aesthetics: Aesthetically pleasing design with patented materials and sophisticated manufacturing process results in a high-efficiency, attractive panel, with no light pollution and high levels of safety.

Easy Installation: It can reduce installation cost significantly through the use of re-engineered components, ease of handling and faster in-stallation.

No-glass: No fragile glass design lead to PID-free and more safety in handling, transportation, installation and operation.

Transportation: Its innovative frame and low weight will very significantly reduce the cost of transportation.

Deployment: Ultra-light weight and customizable size make it the best choice to change the way how solar is deployed in the market and bring added value to special applications.

Durability: The solar panels are certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal), while special materials and stringent quality control ensure panel longevity.

205-210 W

POWER OUTPUT RANGE

0-5 W

POWER TOLERANCE

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty

25 Year Linear Power Warranty



Electrical Characteristics

STC	PFSP210P-4X12	PFSP205P-4X12
Maximum Power (P _{max})	210	205
Maximum Power Voltage (V _{mp})	25.4	25.1
Maximum Power Current (I _{mp})	8.27	8.17
Open-circuit Voltage (V _{oc})	30.8	30.6
Short-circuit Current (I _{sc})	8.73	8.62
Module Efficiency (%)	16.2	15.8
Operating Temperature (°C)	-40 °C to 85 °C	
Maximum System Voltage	600 V DC (IEC)	
Maximum Series Fuse Rating	20 A	
Application Class	Class A	
Power Tolerance	0/+5 W	

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

NOCT	PFSP210P-4X12	PFSP205P-4X12
Maximum Power (P _{max})	156	152
Maximum Power Voltage (V _{mp})	23.4	23.2
Maximum Power Current (I _{mp})	6.67	6.56
Open-circuit Voltage (V _{oc})	28.6	28.4
Short-circuit Current (I _{sc})	7.00	6.92

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1 m/s.

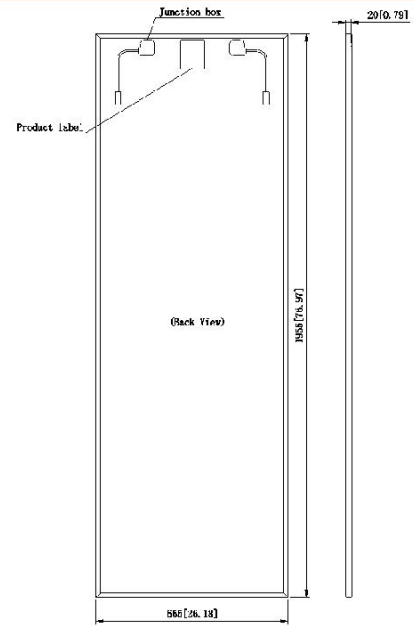
Mechanical Characteristics

Solar Cell	Polycrystalline silicon (6 inches)
No. of Cells	48 (4 × 12)
Module Dimensions	1955×665×20 mm (77.0×26.2×0.8 inch)
Weight	5.2 kgs (11.5 lbs)
Backsheet	White
Frame	Black Anodized Aluminium Alloy
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm ² , (+)150 / (-)450 mm
Connector	MC4 compatible

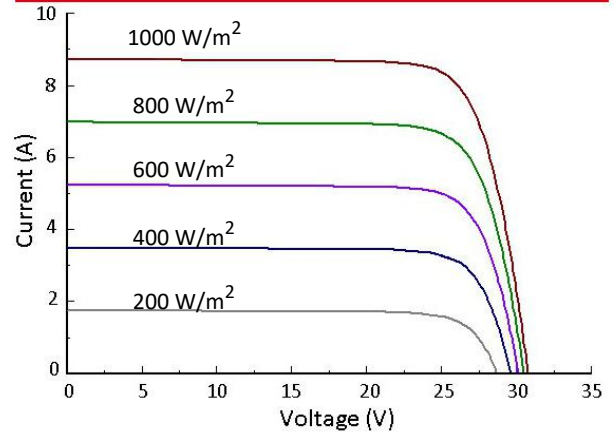
Packaging Configuration

	20' GP	40' HC
Module per pallet	50	50
Pieces per container	500	1800

Dimensions



I-V Curve (210)



Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Temperature Coefficient of P _{max}	-0.41 %/°C
Temperature Coefficient of V _{oc}	-0.30 %/°C
Temperature Coefficient of I _{sc}	0.048 %/°C

Dealer Information
MS_IEC_EN_2018A