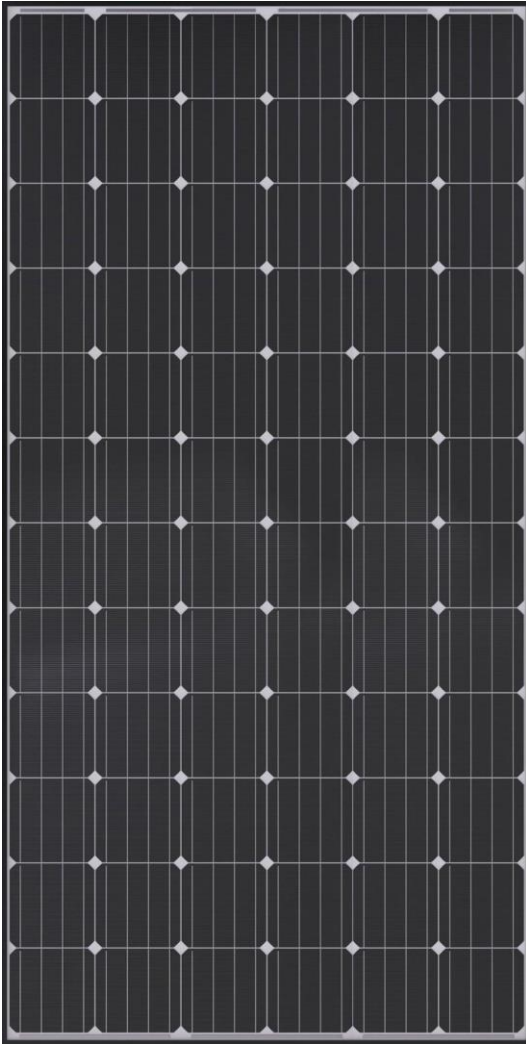


325 Watt

72 Cell Monocrystalline 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 panels are certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal), while special materials and stringent quality control ensure panel longevity.

320-325 W

POWER OUTPUT RANGE

0-5 W

POWER TOLERANCE

LINEAR

PERFORMANCE

WARRANTY

10 Year Product Warranty

25 Year Linear Power Warranty



MS-MFSP325M-6X12

MS-MFSP320M-6X12

Electrical Characteristics

STC	MFSP325M-6X12	MFSP320M-6X12
Maximum Power (P _{max})	325	320
Maximum Power Voltage (V _{mp})	38.5	38.2
Maximum Power Current (I _{mp})	8.45	8.38
Open-circuit Voltage (V _{oc})	46.1	45.9
Short-circuit Current (I _{sc})	8.96	8.88
Module Efficiency (%)	16.7	16.5
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	MFSP325M-6X12	MFSP320M-6X12
Maximum Power (P _{max})	240	236
Maximum Power Voltage (V _{mp})	35.1	34.9
Maximum Power Current (I _{mp})	6.84	6.77
Open-circuit Voltage (V _{oc})	42.7	42.5
Short-circuit Current (I _{sc})	7.24	7.17

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

Mechanical Characteristics

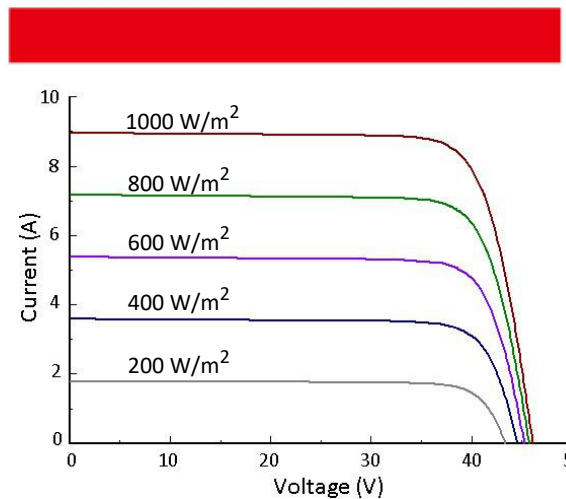
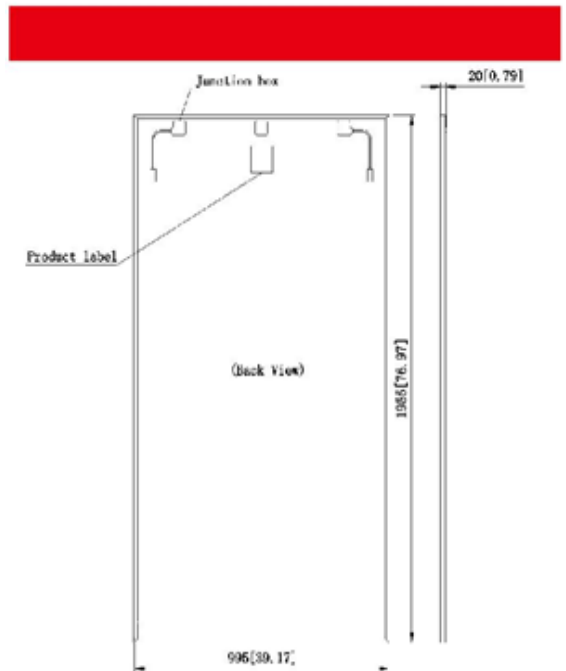
Solar Cell	Monocrystalline silicon (6 inches)
No. of Cells	72 (6 × 12)
Module Dimensions	1955×995×20 mm (77.0×39.2×0.8 inch)
Weight	8.2 kgs (18.1 lbs)
Backsheet	White
Frame	Black Anodized Aluminium Alloy
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm ² , (+)150 / (-)450 mm
Connector	MC4 compatible

Packaging Configuration

	20' GP	40' HC
Module per pallet	50	50
Pieces per container	250	1200

CAUTION: Read installation manual before using the product.

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Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Temperature Coefficient of P _{max}	-0.42 %/°C
Temperature Coefficient of V _{oc}	-0.31 %/°C
Temperature Coefficient of I _{sc}	0.050 %/°C

Dealer Information:

MS_IEC_EN_2018A