

## 375 Watt

# 72 Cell Monocrystalline Module



## Features

**Ultra-light:** Glass free module weighs 5.8 kg, 70% lighter than conventional glass modules.

**Fast-Installation:** Through "Quick-Bonding" installation, It requires no penetration, reduces time on roof by 40% and eliminates the use of mounting hardware.

**Aesthetic:** Seamless integration with underlying installation surface.

**Durable:** It is the first glassless module to pass the same durability.

**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.

**370-375 W**

**POWER OUTPUT RANGE**

**0-5 W**

**POWER TOLERANCE**

## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty

25 Year Linear Power Warranty



## MS-MFSP370M-6X12

## MS-MFSP375M-6X12

### Electrical Characteristics

STC	MFSP370M-6X12	MFSP375M-6X12
Maximum Power ( $P_{max}$ )	370	375
Maximum Power Voltage ( $V_{mp}$ )	39.9	40.2
Maximum Power Current ( $I_{mp}$ )	9.28	9.33
Open-circuit Voltage ( $V_{oc}$ )	48.4	48.6
Short-circuit Current ( $I_{sc}$ )	9.81	9.86
Module Efficiency (%)	18.5	18.7
Operating Temperature ( $^{\circ}C$ )	-40 $^{\circ}C$ to 85 $^{\circ}C$	
Maximum System Voltage	1000 V DC (IEC)	
Maximum Series Fuse Rating	20 A	
Application Class	Class A	
Power Tolerance	0/+5 W	

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25 $^{\circ}C$ , AM=1.5.

NOCT	MFSP370M-6X12	MFSP375M-6X12
Maximum Power ( $P_{max}$ )	278	282
Maximum Power Voltage ( $V_{mp}$ )	36.8	37.0
Maximum Power Current ( $I_{mp}$ )	7.56	7.63
Open-circuit Voltage ( $V_{oc}$ )	45.1	45.3
Short-circuit Current ( $I_{sc}$ )	8.00	8.07

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20 $^{\circ}C$ , AM=1.5, Wind speed 1 m/s.

### Mechanical Characteristics

Solar Cell	Monocrystalline silicon (158.75mm cell)
No. of Cells	72 (6 × 12)
Module Dimensions	2002×1000×2mm
Weight	5.8kg
Backsheet	White
Frame	Flameless
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm <sup>2</sup> , (+)150/(-)450mm
Connector	MC4 compatible

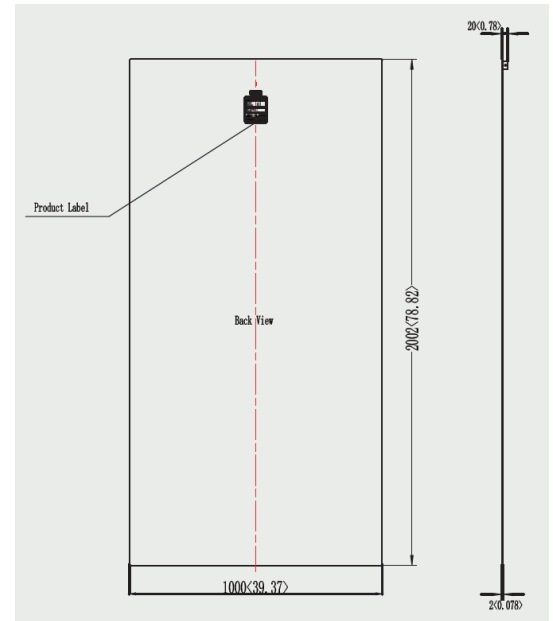
### Packaging Configuration

	20' GP	40' HC
Module per pallet	30+66	66
Pieces per container	627	1452

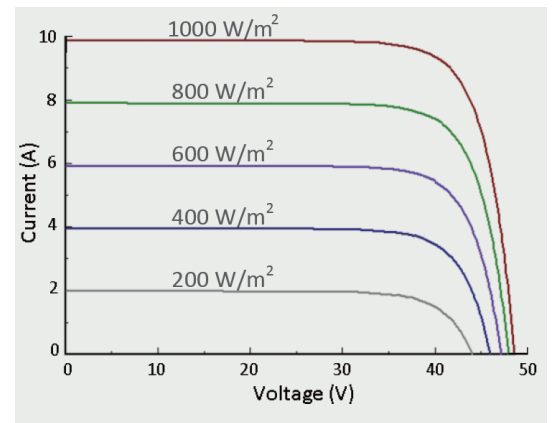
**CAUTION:** Read installation manual before using the product.

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### Dimensions



### I-V Curve (430W)



### Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45 ± 2 $^{\circ}C$
Temperature Coefficient of Pmax	-0.42 %/ $^{\circ}C$
Temperature Coefficient of Voc	-0.31 %/ $^{\circ}C$
Temperature Coefficient of Isc	0.050 %/ $^{\circ}C$

Dealer Information:

MS\_IEC\_EN\_2018A