

## Electrical Characteristics

Mono-Crystalline Module (MXM200M-36)

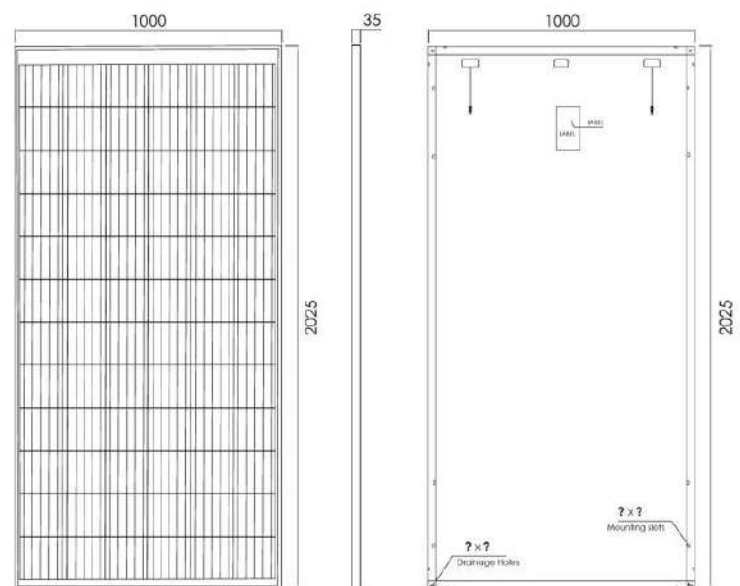
Nominal Output (Pmpp)	W	400
Open Circuit Voltage(Voc)	V	48.95
Short Circuit Current (Isc)	A	9.86
Voltage at Pmax (Vmpp)	V	42.75
Current at Pmax (Impp)	A	9.75
Cell Type	-	Mono-Crystalline Silicon
Maximum System Voltage	VDC	1500VDC
Temperature Coefficient of Pmax	%/°C	-0.34
Temperature Coefficient of Voc	%/°C	-0.27
Temperature Coefficient of Isc	%/°C	0.04

## Mechanical Characteristics

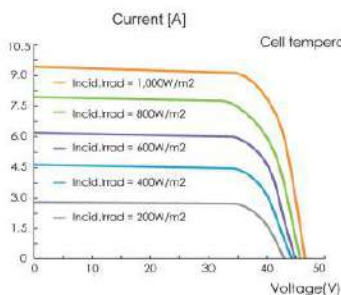
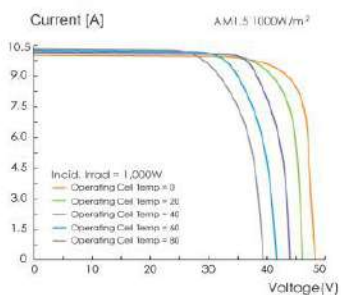
Dimensions	2025 × 1000 × 35 (mm) (L × W × H)
Weight	22.0(kg)
Solar Cells	72 cells, Mono-Crystalline Silicon
Output Cables	Length 1.000mm, 1×2.5mm <sup>2</sup>
Junction Box	IP65, TUV&UL
Construction	Front Glass: Pattern glass, 3.2mm Encapsulation: EVA (Ethylene-Vinyl-Acetate)
Frame	Anodized Aluminum

Nominal Operating Cell Temperature	45±2°C
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Maximum Surface Load Capacity	Front 5,400 Pa Rear 2,400 Pa

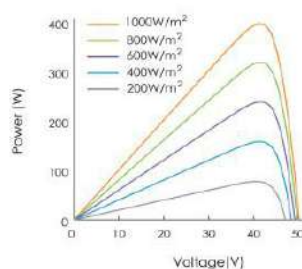
## Module Diagram (Unit: mm)



## I-V Curves



## P-V Curve



## Installation Safety Guide

- Only qualified personnel should install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

All data at STC(Standard Test Conditions).  
 Above data may be changed without prior notice.  
 Tolerance of Pmax:0~+3W.

