

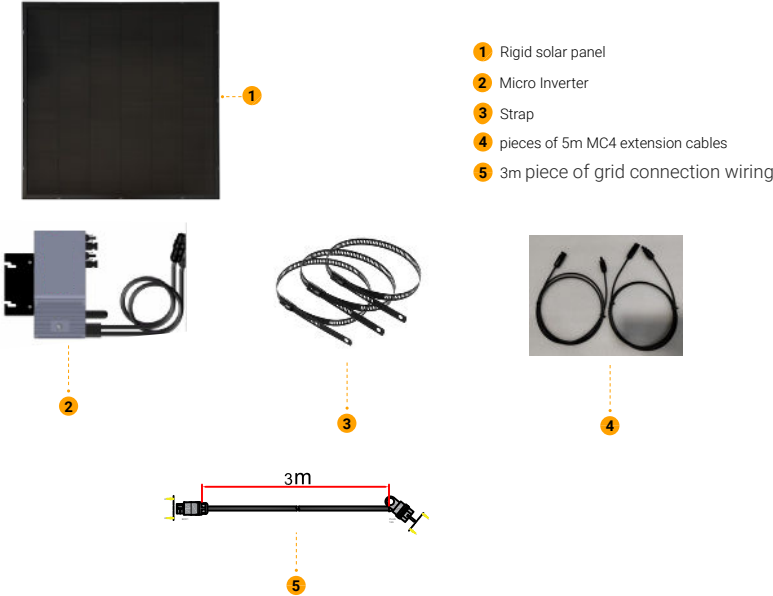


Product Details

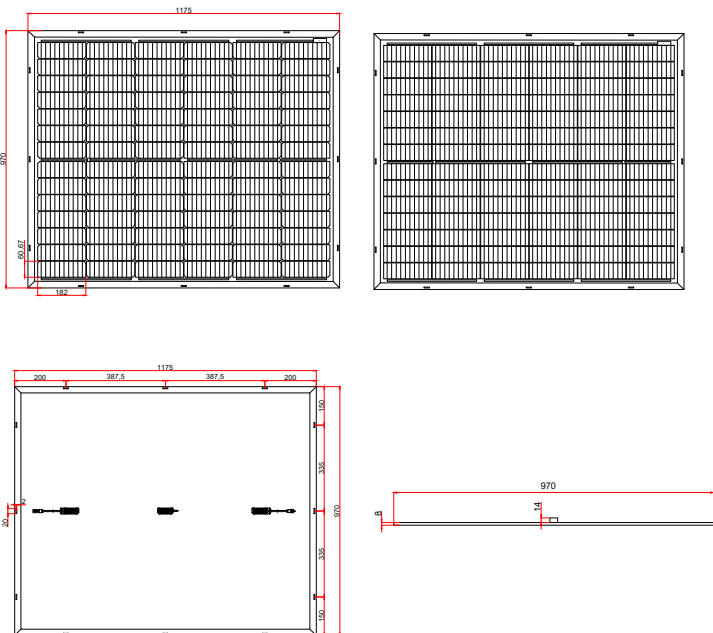
BALCONY MODULE SYSTEM SGM2-200W



CONFIGURATION



Module Diagram



Product Introduction

All-In-One Solution

Plug and play PV balcony systems are designed to address these barriers and make it easier for homeowners and small businesses to adopt photovoltaics. These systems are easy to install and do not require specialized knowledge or equipment. In addition, they are significantly cheaper than traditional photovoltaic systems, making them a more accessible solution for many homeowners and small businesses.

Electrical Characteristics

Maximum power(Pmax)	SGM2-200W
Open-circuit voltage(Voc)	28.0V
Voltage at Pmax(Vmp)	23.9V
Short-circuit current(Isc)	8.79A
Current at Pmax(Imp)	8.37A
Cells Efficiency(%)	22.7%
The maximum system voltage	1000V DC
Operating Temperature	-40°C~85°C
Power temperature coefficient	-0.38%/K
Voltage temperature coefficient	-0.36%/K
Current temperature coefficient	+0.07%/K
Output power tolerance	±3%
The overall composition of the balcony system includes the following components:	Flexible Solar Panel * 4pcs Micro Inverter * 1pcs Cable Tie * 48pcs MC4 Compatible Extension Cable 5m * 2 pair Grid Cable 3m * 1pcs

Specifications

Solar cell brand	Monocrystalline
No.of cells and connections	2*(6*7)
Solar Size	1175*970*8mm
Weight(set)	4*9.8KG
Packaging method	4sets/master carton

Micro Inverter

INPUT(DC)

Model	BDM 600
Module Type	4x200W
Recommended Max PV Power (Wp)	400WX2
Max DC Open Circuit Voltage (Vdc)	60
Max DC Input Current (Adc)	14X2
MPPT Tracking Range (Vdc)	22-55

OUTPUT(AC)

Model	BDM 600
Module Type	4x200W
Peak AC Output Power (Wp)	600
Rated AC Output Power (Wp)	500
Nominal Power Grid Voltage (Vac)	230
Rated Output Current (Aac)	2.52
Nominal Frequency (Hz)	60/50
Maximum Output Fault Current (Aac)	4.4A peak
Weighted Averaged Efficiency (CEC)	95.5%

*SUNGOLD offer customize service,please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.