



About Balcony Solar Panels

Balcony Solar Panels are useful in apartment. For those people who don't have a roof to put solar power system on. Balcony Solar Panels can overcome these difficulties by installing solar panels on balconies.

2000W Smart Microinverter MI2 Serial

FEATURES



Easy operation



PLC, or WIFI communication



IP67 protection degree
12 years warranty



Module level monitoring;
Adapt up to 600w PV module

Specifications

Model	MI2-2000
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Input Data (DC)

Commonly used module power (W)	210-600
Module compatibility	60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)	30-48
Start-up voltage (V)	20
Operating voltage range (V)	16-60
Maximum input voltage (V)	60
Maximum input current (A)	4*16

Output Data (AC)

Peak output power (VA)	2100
Maximum continuous output power (VA)	2000
Maximum continuous output current (A)	9.1
Nominal output voltage(V) ^①	220
Nominal frequency (Hz) ^①	60/50
Power factor	-0.95~0.95
Total harmonic distortion	<3%
Maximum units per branch	4

Efficiency

CEC peak efficiency	96.00%
CEC weighted efficiency	95.00%
Nominal MPPT efficiency	99.80%
Nighttime power consumption (mW)	<1

Mechanical Data

Ambient temperature range (°C)	-40°C ~ +65°C
Dimensions (mm)	330*320*48
Weight (kg)	7.2
Enclosure rating	IP67
Cooling	Natural convection

Features

Communication	WIFI /2.4GHz
Monitoring	Cloud server / APP
Warranty	Up to 25 years
Compliance ^②	ABNT NBR 16149,VDE4105,VDE0124,IEC62109,IEC61000, EN300328,EN301489,EN50665,NB/T 32004

① Nominal voltage/frequency range can be changed to fulfill power department's regulation.

② Combination for different resale region.

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