



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/700W/600W Smart Microinverter MI2 Serial

FEATURES



Rapid shutdown function



PLC, or WIFI communication



IP67 protection degree
15 years warranty



Module level monitoring;
Adapt to 600w PV
module

Specifications

Model	M12-600	M12-700	M12-2000
Input Data (DC)			
Commonly used module power (W)	210-600	210-600	210-600
Module compatibility	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)	30-48	30-48	30-48
Start-up voltage (V)	20	20	20
Operating voltage range (V)	16-60	16-60	16-60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	2*12.5	2*13.5	4*16
Output Data (AC)			
Peak output power (VA)①	700	800	800
Maximum continuous output power (VA)	600	700	700
Maximum continuous output current (A)	3	4	4
Nominal output voltage(V)	220	220	220
Nominal frequency (Hz)	60/50	60/50	60/50
Power factor	-0.95~0.95	-0.95~0.95	-0.95~0.95
Total harmonic distortion	<3%	<3%	<3%
Maximum units per branch	6	6	6
Efficiency			
CEC peak efficiency	96.00%	96.00%	96.00%
CEC weighted efficiency	95.00%	95.00%	95.00%
Nominal MPPT efficiency	99.80%	99.80%	99.80%
Nighttime power consumption (mW)	<1	<1	<1
Mechanical Data			
Ambient temperature range (°C)	I-40~ + 65	I-40~ + 65	I-40~ + 65
Dimensions (mm)	231*167*35	231*167*35	330*320*48
Weight (kg)	3	3	7.2
Enclosure rating	IP67	IP67	IP67
Cooling	Natural convection	Natural convection	Natural convection
Features			
Communication	WIFI /2.4GHz		
Monitoring	Cloud server / APP		
Warranty	Up to 25 years		
Compliance②	ABNT NBR 16149,VDE4195,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.