



600W/700W/800W Smart Microinverter **MI2 Serial**

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.

FEATURES



Easy operation



PLC, or WIFI communication



IP67 protection degree
12 years warranty



Module level monitoring;
Adapt up to 600w PV module

Specifications

Model	MI2-600	MI2-700	MI2-800
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	2*15
Output Data (AC)			
Peak output power (VA)	700	800	900
Maximum continuous output power (VA)	600	700	800
Maximum continuous output current (A)	3	3.7	4
Nominal output voltage(V) ^①	220	220	220
Nominal frequency (Hz) ^①	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	5
Efficiency			
Peak convert efficiency	>95.5%		
CEC weighted efficiency	>94.5%		
Nominal MPPT efficiency	>99.80%		
Nighttime power consumption (mW)	<5		
Mechanical Data			
Ambient temperature range (°C)	-40 C ~ + 65 C		
Dimensions (mm)	231*167*35		
Weight (kg)	3		
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.