



## MI-1000/1200


New Product Release  
Unique design for 4 PV panels

### Highlights

- Single microinverter connects four PV modules with dual MPPT
- Maximum output power up to 1200W, adapted to panels 60 and 72 cells
- Peak efficiency 96.34% CEC weighted efficiency 96%
- Static MPPT efficiency 99.8%, dynamic MPPT efficiency 99.68% in heavy cloudy day
- High reliability: NEMA6 (IP67) enclosure, 6000V surge protection



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Model	MI-1000	MI-1200
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### Input Data (DC)

Recommended input power (W)	200-310	200-380
Peak power MPPT voltage range (V)	27-48	32-48
Operating voltage range (V)	16-60	16-60
Maximum input voltage (V)	60	60
Maximum input current (A)	10.5	10.5

### Output Data (AC)

Rated output power (W)	1000	1200
Rated output current (A)	4.35	5.21
Nominal output voltage/range (V)	230/180-275	230/180-275
Nominal frequency/range (Hz)	50/45-55	50/45-55
Power factor	>0.99	>0.99
Output current harmonic distortion	<3%	<3%
Maximum units per branch	4	3

### Efficiency

Peak inverter efficiency	96.34%	96.34%
CEC weighted efficiency	96.00%	96.00%
Nominal MPPT efficiency	99.80%	99.80%
Night time power consumption (mW)	<50	<50

### Mechanical Data

Ambient temperature range (°C)	-40~+65	-40~+65
Operating temperature range (°C)	-40~+85	-40~+85
Dimensions (W×H×D mm)	280x176x33	280x176x33
Weight (kg)	3.75	3.75
Enclosure rating	IP67	IP67
Cooling	Natural convection – No fans	Natural convection – No fans

### Features

Communication	2.4G RF	2.4G RF
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### High Reliability Based on World's Top Supplier Partners

