



1600W

## Grid Tie Microinverter IMI Series

Micro-inverter Series



- ▶ QR code connection to smartphone app.
- ▶ Smartphone APP showing current, voltage, power in real-time.
- ▶ Reset button design for easy restart inverter.

## ► Product Specifications

<b>Input Data</b>	Recommend PV	250 ~ 400W*2
	Operation Voltage	20 ~ 50V (MPPT:22V~48V)
	Reccommend PV Voc	33 ~ 50V
	Star/Max Input Voltage	18V / 52V
	Max Input Current	7.5A*4
<b>Output Data</b>	Max Output Power	1600W
	Rated Output Current	@120V AC 5A; @230V AC 2.6A
	Rated Voltage	@120V (90~160VAC); @230V(190~270VAC)
	Max Units Per Branch	@120V: 2PCS; @230V:4PCS
	Frequency	50 / 60Hz (48~61Hz)
<b>Output Efficiency</b>	Static MPPT	0.995
	Power Factor	>99%
	Max Output	0.95
	Self Consumption	<1W
	THD	<5%
<b>Exterior</b>	Ambient Temperature	- 40°C ~ + 85°C
	Operating Temperature	- 40°C ~ + 65°C
	Dimensions (L×W×H)	365*230*40mm
	Weight	3.5kg
	Waterproof Rating	IP65
	Max Current Of AC Bus Cable	20A
	Cooling	Self-cooling
<b>Feature</b>	Power Transmission Mode	Reverse transfer, load priority
	Communication	WIFI(QR code scanning, automatic matching internet)
	Design	High frequency transformer, Glvanically isolated Equipment ground is provided by the PE in the AC cable
	Electromagnetic Compatibility	EN50081.part1 EN50082.part1
	Grid Disturbance	EN61000-3-2 Safety EN62109
	Grid Detection	DIN VDE 1026 UL1741