

# JMI-800 Micro Inverter

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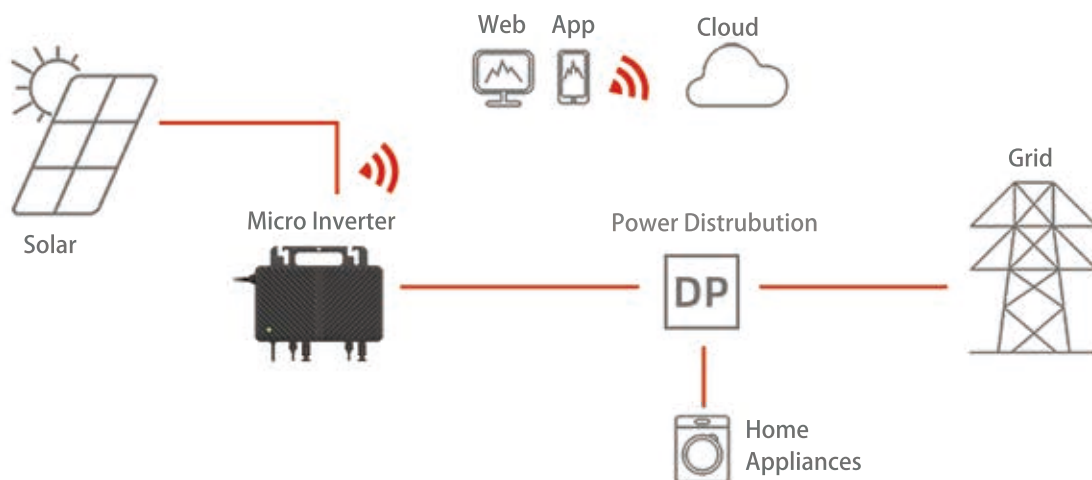


## Product Introduction

The JMI-800 is a single-phase grid-connected micro inverter that uses power electronics technology and unique software algorithms to track the maximum power point (MPPT) of a single component to maximize grid-connected generation. The micro inverter is sealed by filling glue, which reduces the stress of the device, promotes heat dissipation, enhances waterproof performance, and ensures the reliability of the product. It can be monitored in real time through the application or portal for easy operation and maintenance.



## JMI-800 Grid Application Diagram of Micro Inverter Solar Energy



# Microinverter Specifications

Model	JMI-800
<b>DC Input</b>	
Commonly used modules for pairing	(360Wp~600Wp+)*2
Maximum input DC voltage	60V
Peak power tracking voltage	28~48V
Start-up voltage	22V
Maximum input DC current	15A*2
Maximum input DC short-circuit current	25A*2
<b>AC Output</b>	
Rated output power	800VA
Nominal output voltage/range <sup>(1)</sup>	230Vac/184-253Vac
Rated output current/Max. output current	3.48A
Nominal frequency/range <sup>(1)</sup>	50Hz/48~51Hz
Power factor	>0.99
Total harmonic distortion	<3%
<b>Efficiency</b>	
Peak efficiency	95.5%
Nominal MPPT Efficiency	99.8%
Night power consumption	<50mW
<b>Features</b>	
Operating ambient temperature <sup>(2)</sup>	-40~65°C
Dimensions(W x H x D)	276mm*247.5mm*37mm
Weight	3.2Kg
Enclosure	IP67
Cooling	Natural convection
Communication	WIFI
Inverter commissioning	APP, Cloud platform
Isolation design	Galvanically isolated HF transformer
Compliance <sup>(3)</sup>	EN 50549-1, VDE-AR-N 4105
	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4
	IEC/EN 61000-3-2/-3

(1) According to the demand of the power grid, it is adjusted through the APP.

(2) The inverter may enter power de-grade mode under poor ventilation and heat dissipation installation environment.

(3) To ensure communication quality, the cable between the DC terminator and the module must be less than 3 meters.