



JMI-800

Microinverter



Current control
compatible with PV hub



Great performance
in low sunlight



Bluetooth & Wi-Fi
Network configuration



IP67
up to 12 years warranty



Plug and Play



Built with
Infineon MOSFETs

DC (PV Input)**JMI-800**

Number of MPPTs	2
Reccomanded PV Module Power	(360 Wp~600 Wp+)×2
Maximum Input Voltage	60 Vd.c.
MPPT Voltage Range	28~48 Vd.c.
Starting Voltage	22 Vd.c.
Maximum Input Current	15 Ad.c.×2
Maximum Input Short Circuit Current	25 Ad.c.×2

AC Output

Rated Output Power	800 W
Rated Output Voltage/Range ⁽¹⁾	230 Va.c. / 184~253 Va.c.
Rated Output Current / Max. Output Current	3.48 Aa.c.
Rated Frequency/Range ⁽¹⁾	50 Hz / 48~51 Hz
Power Factor	>0.99
THDi	<3%

Efficiency

Nominal MPPT Efficiency	99.80%
Night Power Consumption	<50 mW

Features

Operating Ambient Temperature ⁽²⁾	- 40~65°C
Dimensions (W×H×D)	276×248.6×37 mm
Net Weight	3.2 kg
Warranty	12 years
Protection Level	IP67
Cooling Method	Natural Convection
Communication	Bluetooth, WiFi
Monitoring	APP, Cloud platform
Isolation Deisgn	Galvanically isolated HF transformer

Compliance ⁽³⁾

Grid Compliance	EN 50549-1/-10, VDE-AR-N 4105
Safety Compliance	IEC/EN 62109-1/-2
	IEC/EN 61000-6-1/-2/-3/-4
Electromagnetic compatibility (EMC)	IEC/EN 61000-3-2/-3
	IEC/EN 62920
	EN300328
RF Wireless	EN IEC 62311
	EN 301489-1/-17
Chemical Compliance	RoHS, REACH, WEEE, POPs

(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 heatdissipation installation environment.

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