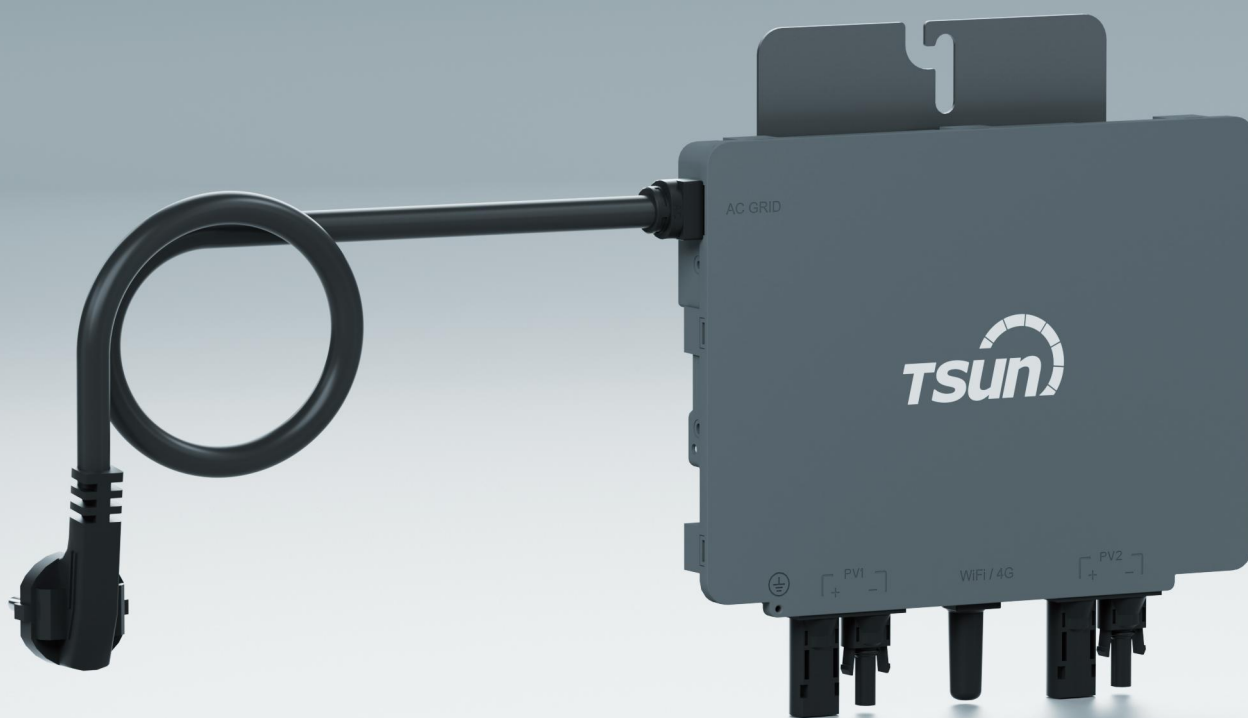


# GEN3 Microinverter (2-in-1)

TSOL-MX800Lite



## High Efficiency



Up to 96.7%

## Exclusive Balcony Design



Unique structure and configuration, easy to install

## Safety



Max. DC voltage 60V. No threat for high DC voltage.

Integrated LoM protection function. Ensure the safety of power grid.

## Reliability



Die casting design and glue filling technology. Better thermal dissipation.

Standard 12 years warranty. Quality guaranteed.

CE VDE 4105

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# Technical Data

## Model

MX800Lite

### Input [DC]

Recommended Module Power (Wp)	300 ~ 600+
Start up Voltage per Input@Rated condition (V)	22
MPPT Voltage Range per Input (V)	16 ~ 60
Max. Input Voltage per Input (V)	60
Short-current (A)	20
Max. Input Current per Input (A)	16
Quantity of DC Inputs	2

### Output [AC]

Nominal Continuous Output Power (W)	800
Max. Output Current (A)	4
Nominal Continuous Output Current (A)	3.64 @220V 3.48 @230V 3.33 @240V
Nominal Output Voltage (V)	220/230/240, L/N/PE
Nominal Frequency (Hz)	50/60
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging
Output Current Harmonic Distortion	<3%

### Efficiency

Peak Inverter Efficiency	96.7%
EU Efficiency	96.5%
Nominal MPPT Efficiency	99.9%

### Mechanical Data

Dimensions (WxHxD mm)	236 x 178.5 x 31
Weight (kg)	1.8

### General Data

Communication	WiFi (Bluetooth)
Cable/Assembling	Integrated 5m AC Cable plug wire, 0.75 mm <sup>2</sup> , 18AWG
Type of Isolation	HF Isolation
Type of Enclosure	IP67
Cooling	Natural Convection
Operating Ambient Temperature Range	-40 ~ +65 °C
Relative Humidity	100%
Max. Operating Altitude Without Derating (m)	2000