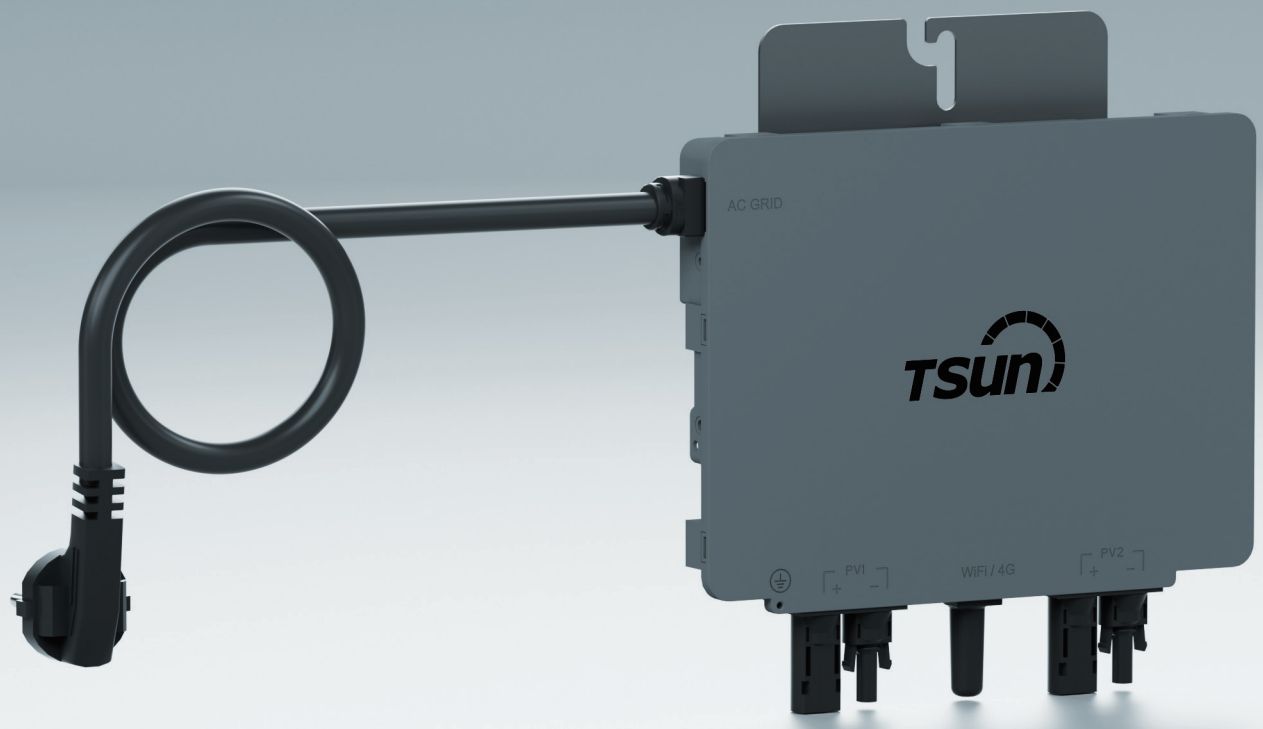
MORE SAFETY MORE POWER

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

TSUNESS Co., Ltd

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Technical Data

Model	MX800Lite
Input [DC]	
Recommended Module Power (Wp)	350 ~ 500+
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 Continous Output Power (W)	800
Max. Output Current (A)	4
Nominal Continous 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 * 178.5 * 31
Weight (kg)	1.8
General Data	
Communication	WiFi (Bluetooth)
Cable/Assembling	Integrated 5m AC Cable plug wire, 1 mm², 16AWG
Type of Isolation	HF Isolation
Type of Enclosure	IP67
Cooling	Natural convection
Operating Ambient Temperature Range	-40 ~ +65 ℃ (derating of over 50℃ Ambient Temperature@ PV input 30V)
Relative Humidity	100%
Max. Operating Altitude Without Derating (m)	2000

※ The AC voltage and frequency range may vary depending on specific country grid.