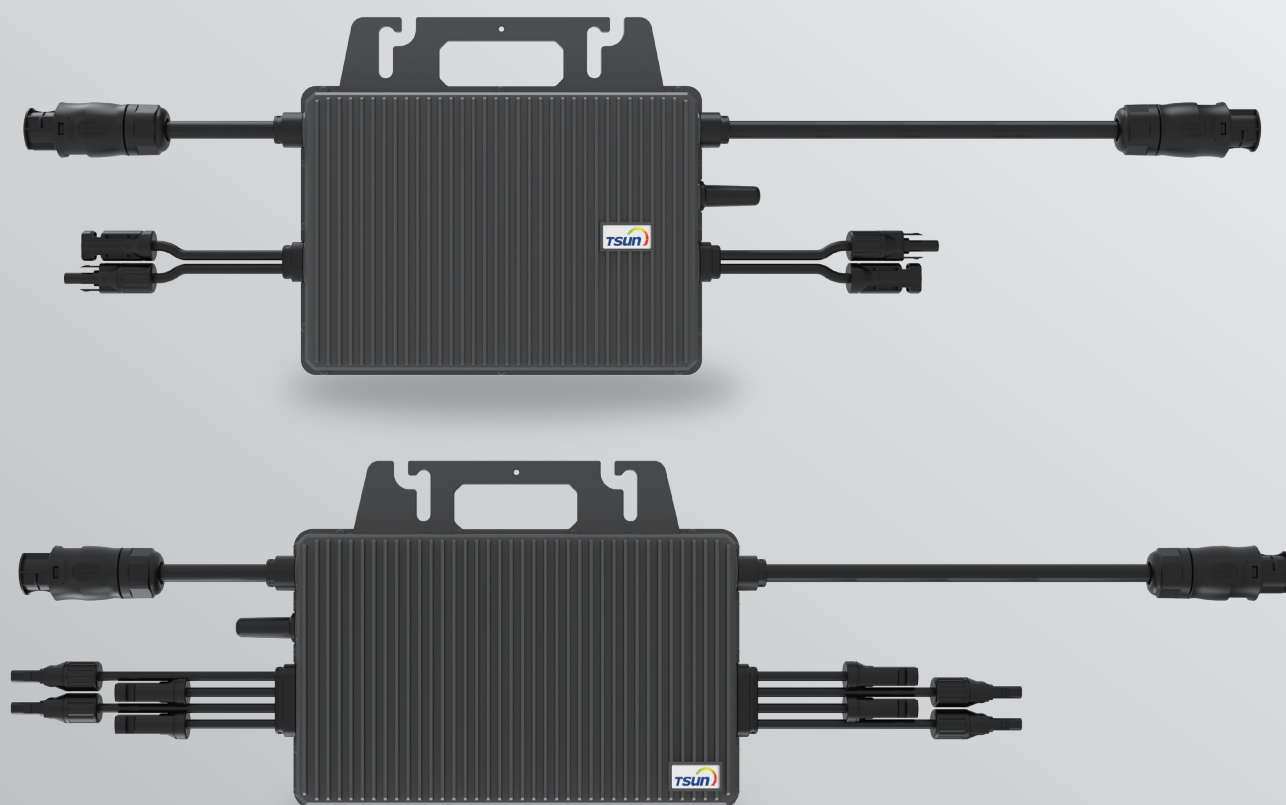


TSUN Micro Inverter



TSOL-M800/M1600



Maximized Efficiency

- Individual optimization, se-parate dedicated MPPT for
- New topology design, max.

Flexibility

- Plug & play installation. Easy to install.
- Multi-channel MPPT for complex installation environments with higher cost

Safety

- Max. DC voltage 60V. No threat for high DC voltage.
- Integrated LoM protection function. Ensure the safety

Reliability

- Die casting design and glue filling technology. Better thermal dissipation.
- Standard 12 years warranty, Quality guaranteed.

CE VDE 0126 VDE 4105 EN 50549 AS4777 CEI 0-21 INMETRO RD 1699 G 98

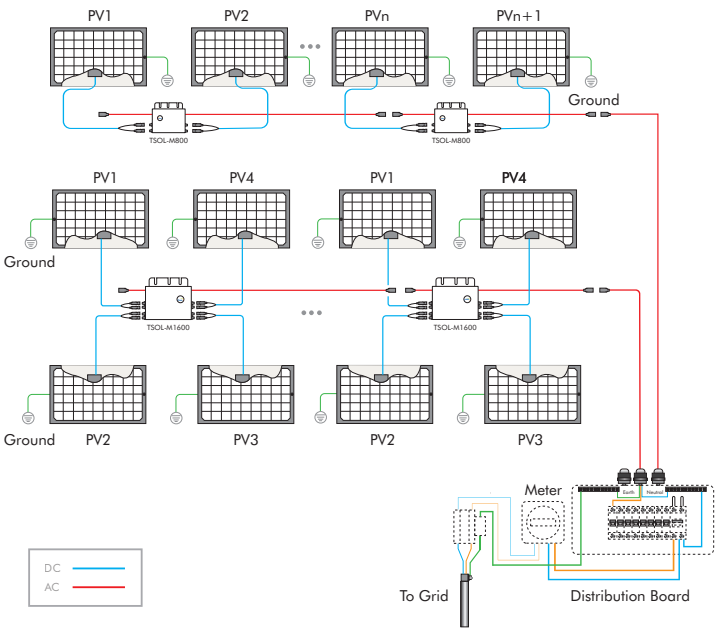
ME Solar GmbH
E-Mail: info@me-solar.de

Technical Data

Model	TSOL-M800		TSOL-M1600	
Input(DC)				
Recommended Input Power [W]	2*280-440		4*300-470	
MPPT Voltage Range [V]	33-48		36-48	
Operating Voltage Range [V]			16-60	
Max. Input Voltage [V]			60	
Max. Input Current [A]			11.5	
Max. Input Short Circuit Current[A]			15	
Output [AC]				
Max. Continuous Output Power [W]	700		1500	
Nominal Output Current [A]	3.04		6.52	
Max. Output Current [A]	3.19		6.82	
Nominal Output Voltage / Range [V] *			230, L/N/PE , 207-253V	
Nominal Frequency / Range [Hz] *			50, 45-55Hz	
Power Factor			0.8 leading ... 0.8 lagging	
Output Current Harmonic Distortion			< 3%	
Max. Units Per Branch	7		3	
Efficiency				
Peak Conversion Efficiency			96.6%	
CEC Weighted Efficiency			96.5%	
Nominal MPPT Efficiency			99.9%	
EU Efficiency			96.3%	
Night Time Power Consumption [mW]			< 50	
Mechanical Data				
Dimensions (WxHxD) [mm]	250×170×28		280x176x33	
Weight [kg]	3		3.75	
Type of Enclosure			IP67	
Cooling			Natural Convection	
Environmental Data				
Operating Ambient Temperature Range [°C]			-40°C to 65°C	
Operating Internal Temperature Range [°C]			-40°C to 85°C	
Relative Humidity			0-100 % condensing	
Max. Operating Altitude Without Derating [M]			2000	
Monitor			2.4G RF	

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

Diagram



Ordering Information

Ordering NO.	Model	Description
04.02.01.003	TSOL-M800	Microinverter, output 700W
04.02.01.005	TSOL-M1600	Microinverter, output 1500W
04.02.02.001	TSOL-MT-F	AC connector, female
04.02.02.002	TSOL-MP-F	Protect cap, female
04.02.02.003	TSOL-MT-T	AC connector, male
04.02.02.004	TSOL-MP-T	Protect cap, male
04.02.02.005	TSOL-MC200-G2	Interconnection cable, 2m

For more information, visit/contact us at www.tsun-ess.com

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